

Fig. 1

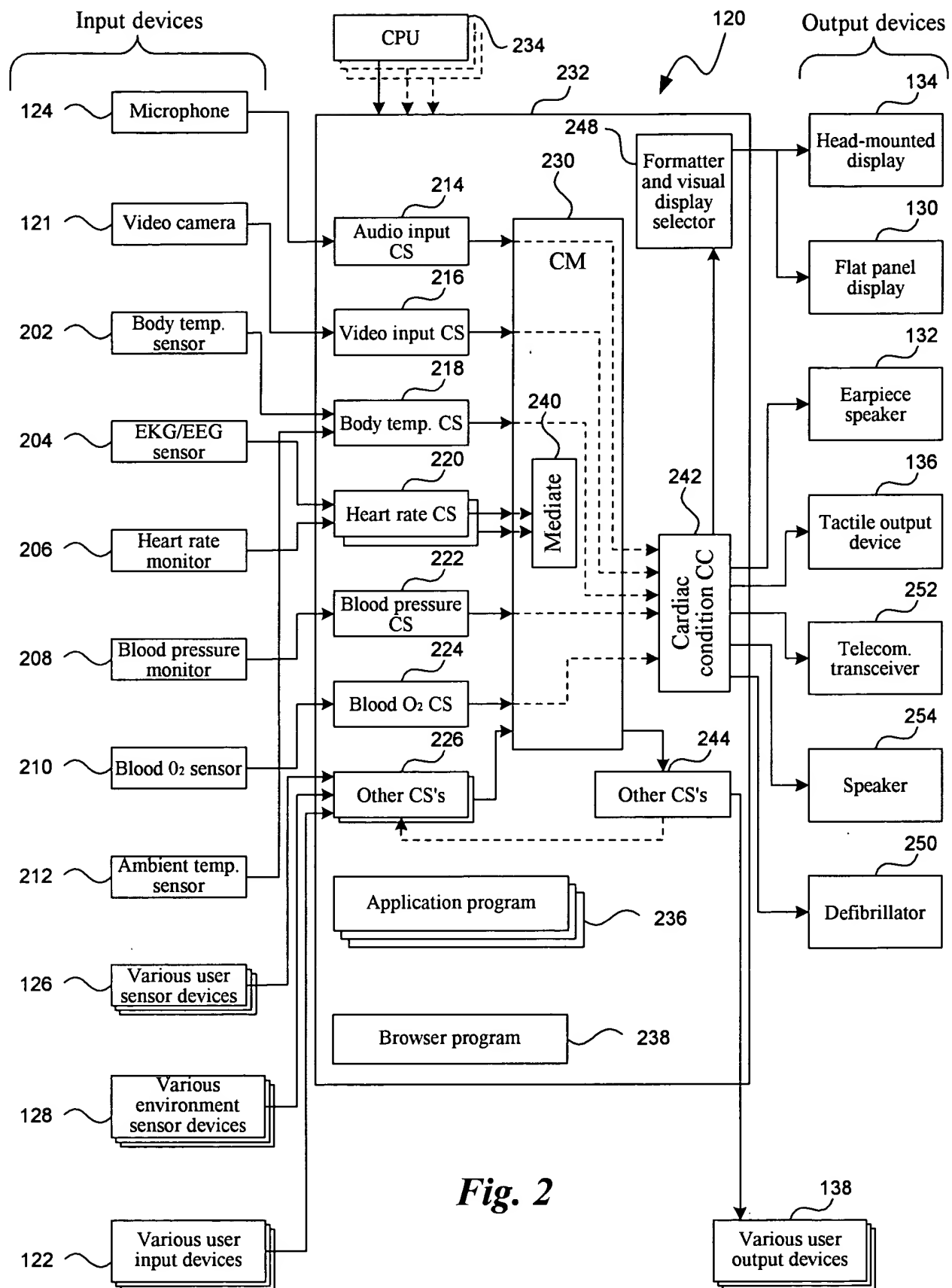
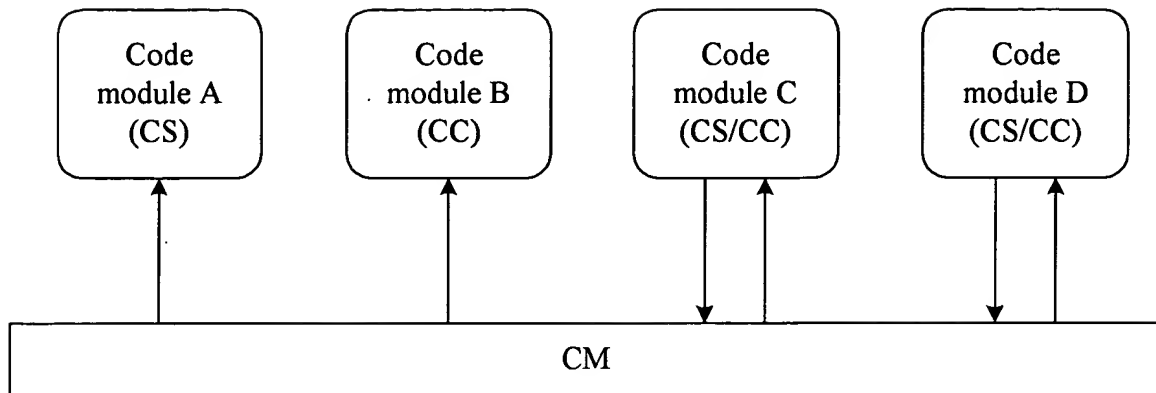
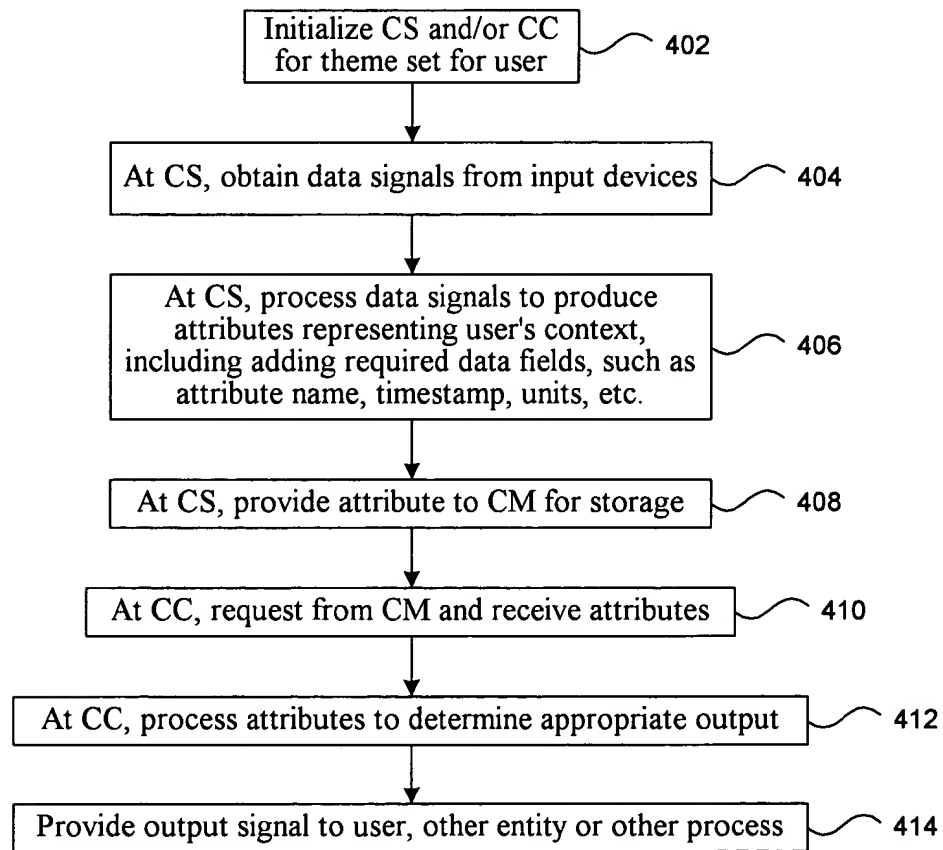


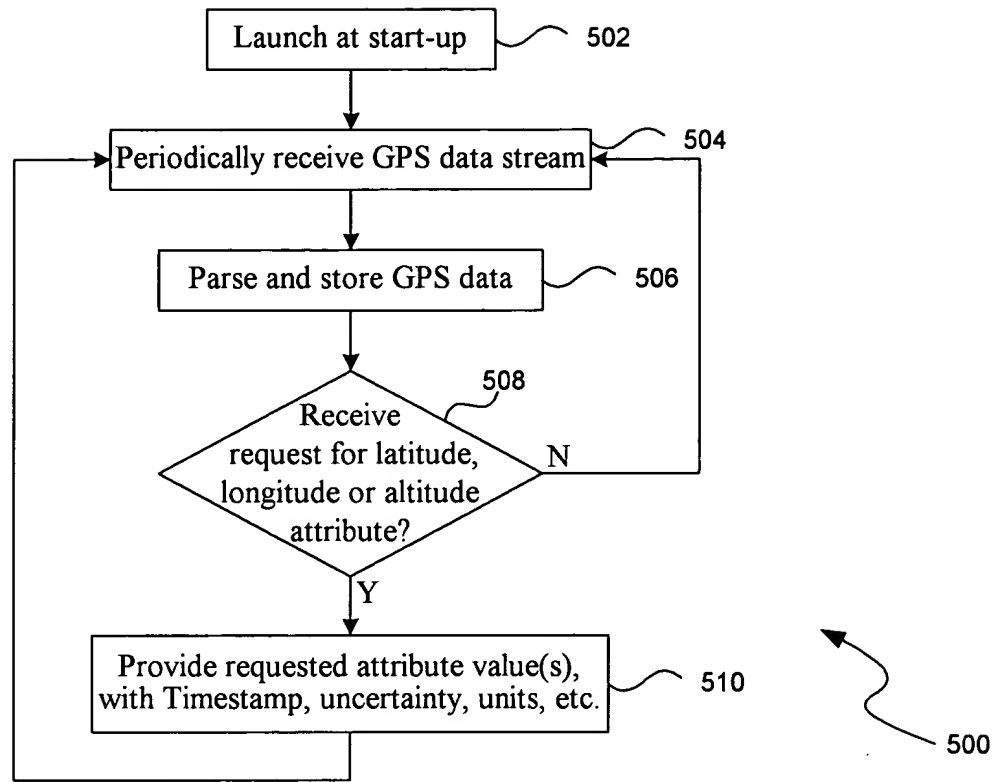
Fig. 2



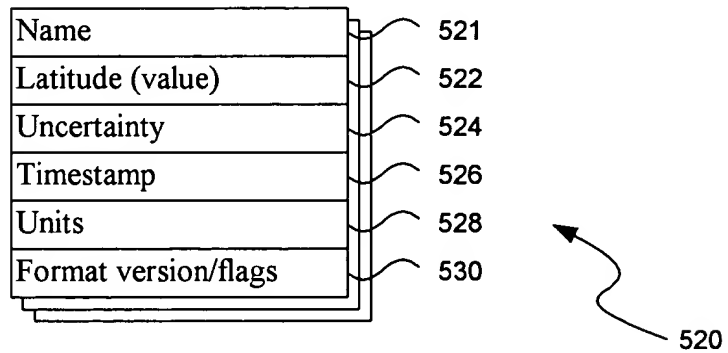
**Fig. 3**



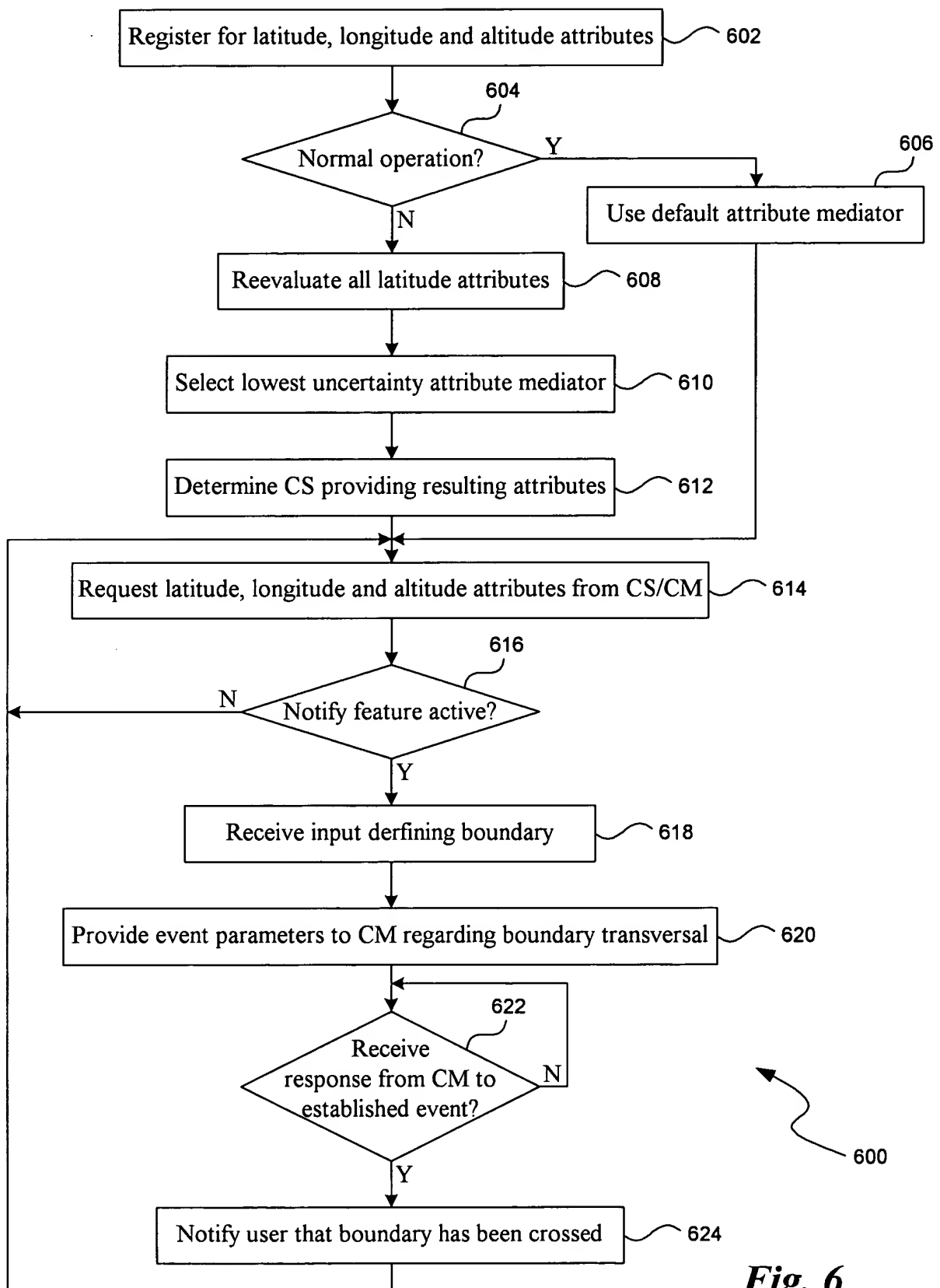
**Fig. 4**



**Fig. 5A**



**Fig. 5B**



**Fig. 6**

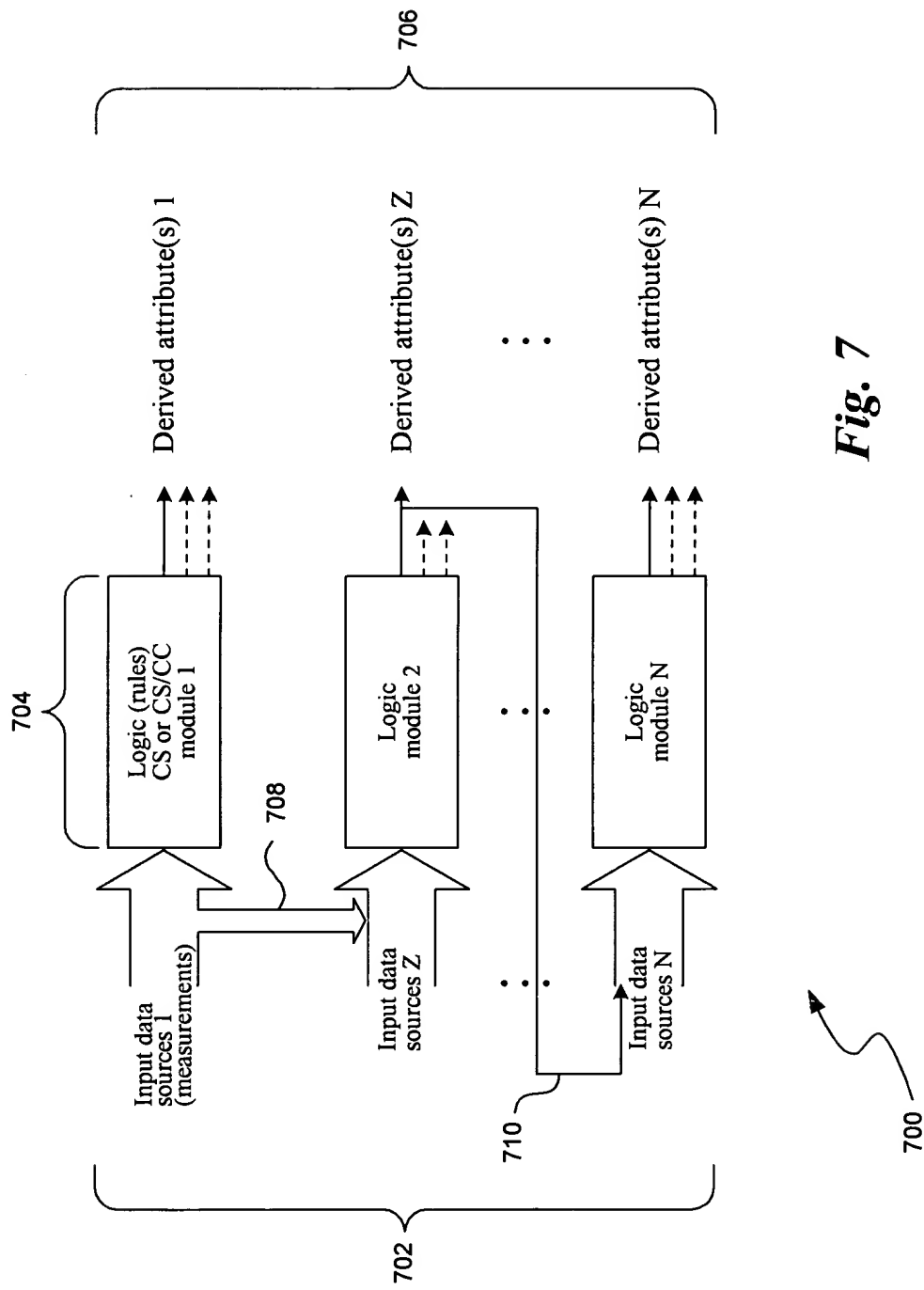


Fig. 7

**User.**

Desired\_privacy\_level  
 Interruptibility  
 Speed  
 Direction  
 Acceleration  
 Availability.  
   Cognitive\_availability  
   Tactile\_availability  
   Manual\_availability  
   Visual\_availability  
   Oral\_availability  
   Auditory\_availability  
 Proximity.<Item or place name>  
 Mood.  
   Happiness  
   Sadness  
   Anger  
   Frustration  
   Confusion  
 Activity.  
   Driving  
   Eating  
   Running  
   Sleeping  
   Talking  
   Typing  
   Walking  
 Location.  
   Place\_name  
   Latitude  
   Longitude  
   Altitude  
   Room  
   Floor  
   Building  
   Address  
   Street  
   City  
   County  
   State  
   Country  
   Postal\_Code  
 Destination. (same as User.Location.)  
 Physiology.  
   Pulse  
   Body\_temperature  
   Blood\_pressure  
   Respiration

**Person.**<name or ID>. (same as User.)

**Platform.**

UI.  
   Oral\_input\_device\_availability  
   Manual\_input\_device\_availability  
   Tactile\_output\_device\_availability  
   Visual\_output\_device\_availability  
   Auditory\_output\_device\_availability

**Platform.** (continued)

CPU.  
   Load  
   Speed  
 Memory.  
   Total\_capacity  
   Used  
 Storage.  
   Total\_capacity  
   Used  
 Connectivity.  
   Connection\_status  
   Connection\_speed  
   Connection\_type/device  
   Connection\_activity  
 Power.  
   Power\_source  
   Power\_level

**Environment.**

People.  
   Nearest  
   Number\_present  
   Number\_close  
 Local.  
   Time  
   Date  
   Temperature  
   Pressure  
   Wind\_speed  
   Wind\_direction  
   Absolute\_humidity  
   High\_forecast\_temperature  
   Low\_forecast\_temperature  
   People\_present  
   Ambient\_noise\_level  
   Ambient\_light\_level  
   Days.<previous or future>.  
     High\_temperature  
     Low\_temperature  
     Precipitation\_type  
     Precipitation\_amount  
 Place.<place name>. (same as Environment.Local)

**Application.**

Mail.  
   Available  
   New\_messages\_waiting  
   Messages\_waiting\_to\_be\_sent  
 Phone.  
   Available  
   In\_use  
   On/off  
   Notification\_mechanism  
   Call\_incoming  
   Caller\_ID  
 Sound\_recorder.  
   Available  
   Recording

**Fig. 8**

## User Setting

- Mental Context
  - Meaning
  - Cognition
    - Divided User Attention
    - Task Switching
    - Background Awareness
  - Solitude
  - Privacy
    - Desired Privacy
    - Perceived Privacy
  - Social Context
  - Affect
- Physical Situation
  - Body
    - Biometrics
    - Posture
    - Motion
    - Physical Encumberment
    - Senses
      - Eyes
      - Ears
      - Tactile
      - Hands
      - Nose
      - Tongue
    - Workload demands/effects
    - Interaction with computer devices
    - Interaction with people
    - Physical Health
- Environment
  - Time/Space
  - Objects
  - Persons
    - Audience/Privacy Availability
    - Scope of Disclosure
    - Hardware affinity for privacy
    - Privacy Indicator for User
    - Privacy Indicator for Public
    - Watching Indicator
    - Being Observed Indicator
- Ambient Interference
  - Visual
  - Audio
  - Tactile

## Computer

- Power
- Configuration
  - User Input Systems
    - Hand/Haptic
      - Keyboard/Keystrokes
    - Voice/Audio
    - Eye Tracking
    - Cursors
      - Axis
      - Resolution
      - Selection
      - Invocation
    - Accelerators
  - Output Systems
    - Visual
      - Resolution
    - Audio
      - Public/Private
    - Haptic
  - External Resources
    - I/O devices
    - Connectivity
- Data
  - Quantity/State
  - Urgency/Importance
    - Use of Prominence
  - Modality
  - Sensitivity/Purpose
    - Privacy Issues
    - Use of Association
    - Use of Safety
  - Source/Ownership
    - Types
      - User generated
      - Other computers or people
      - Sensor
      - PC State
    - Use of Association

**Fig. 9**



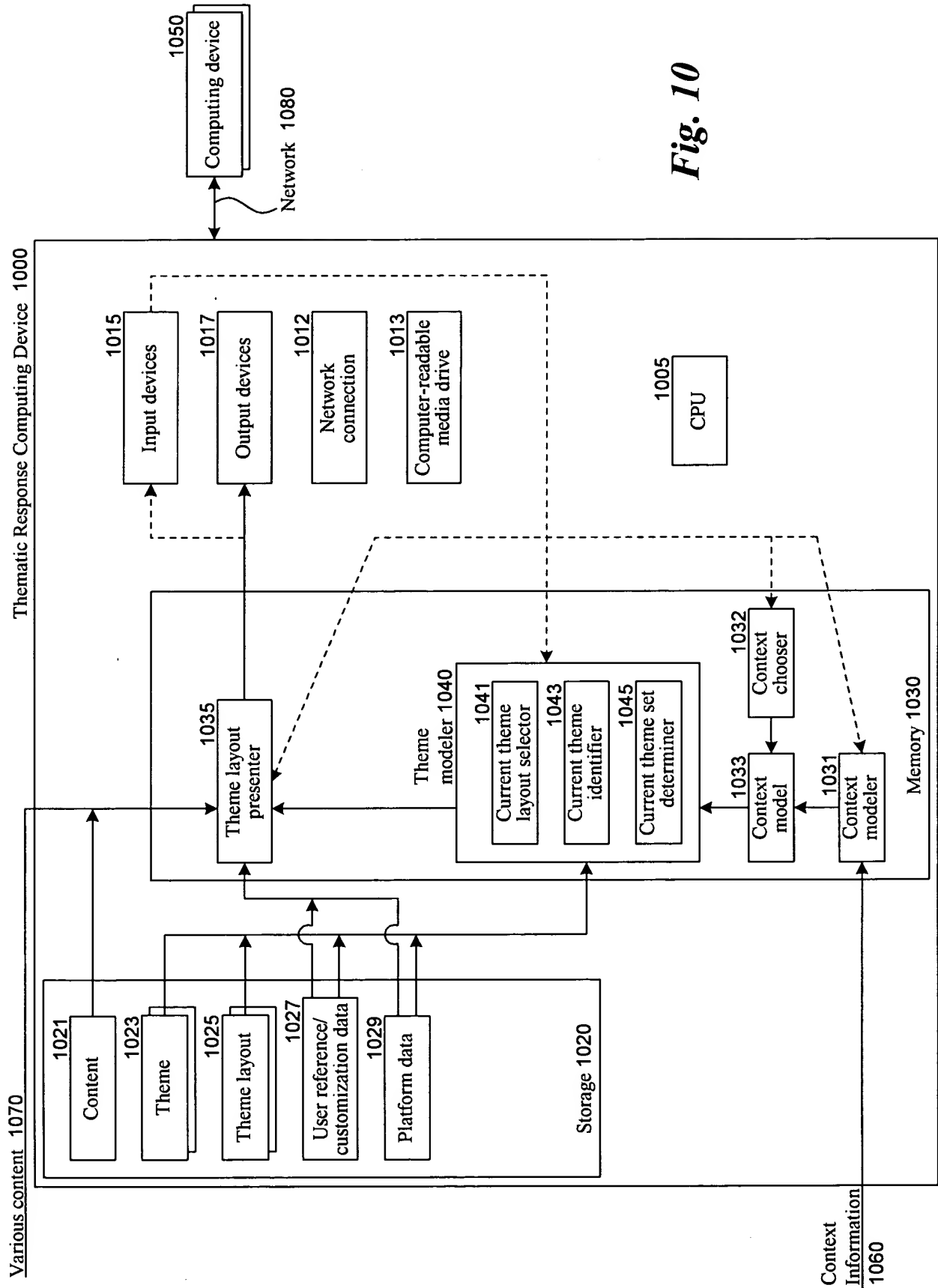


Fig. 10

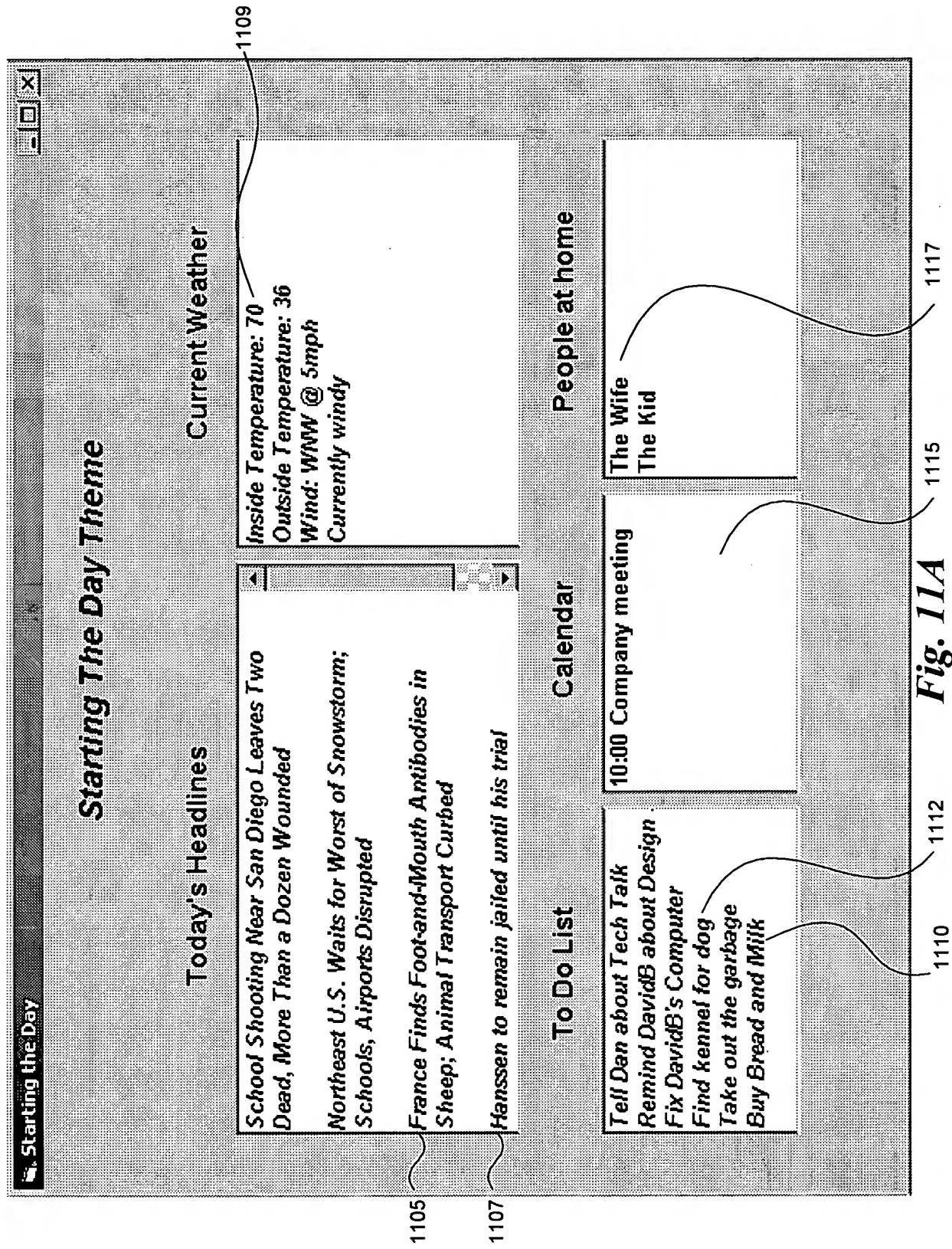


Fig. 11A

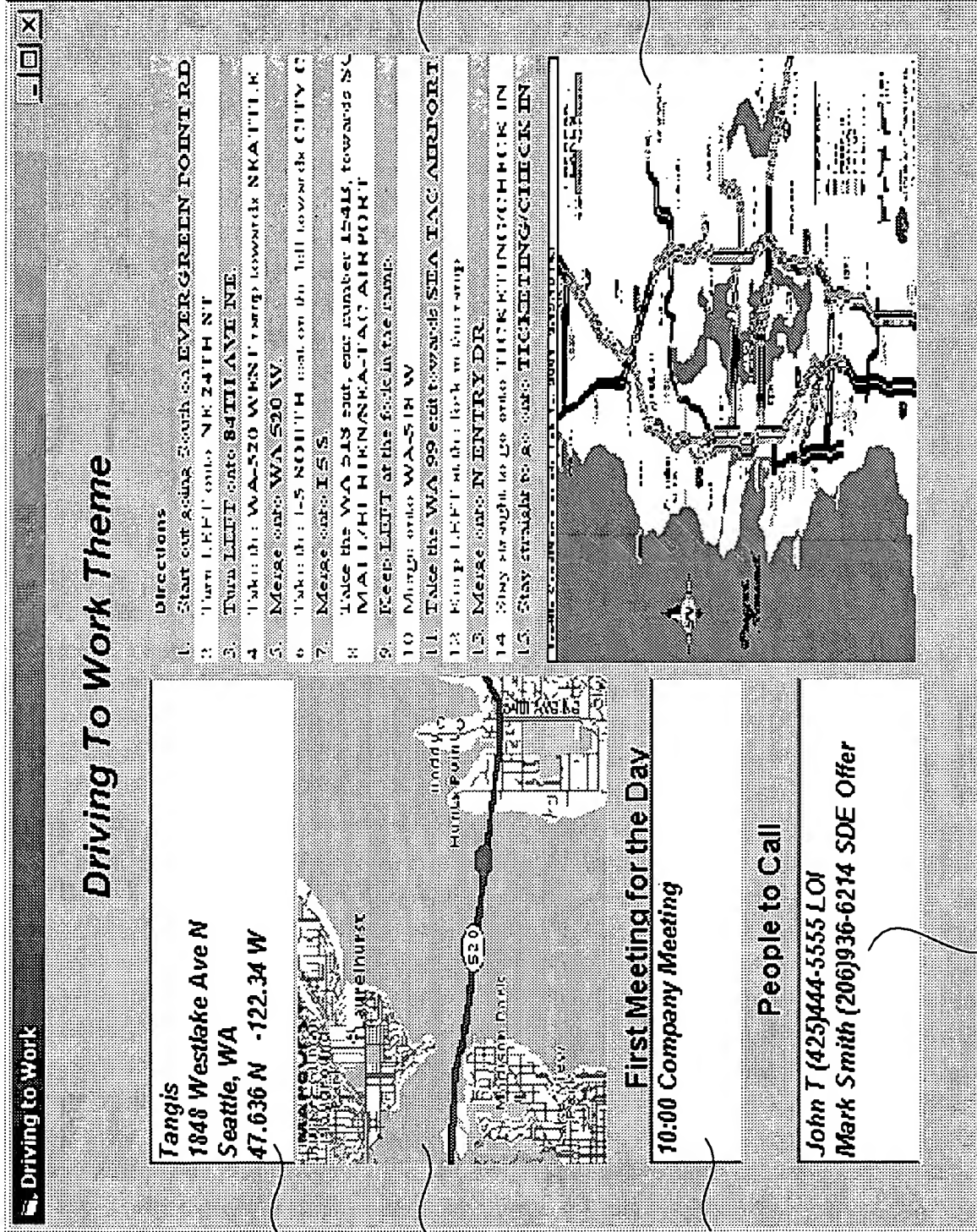


Fig. 11B

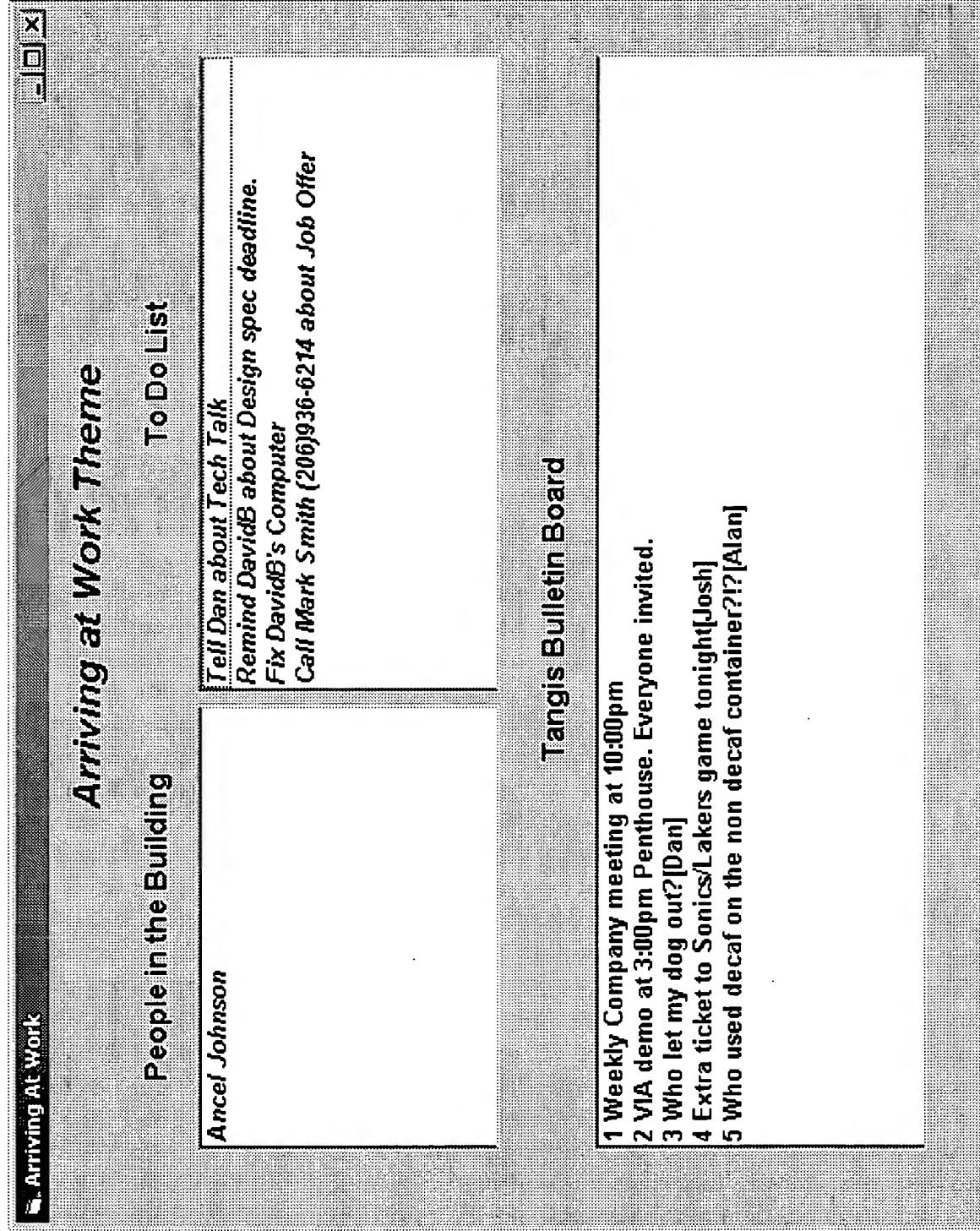


Fig. 11C



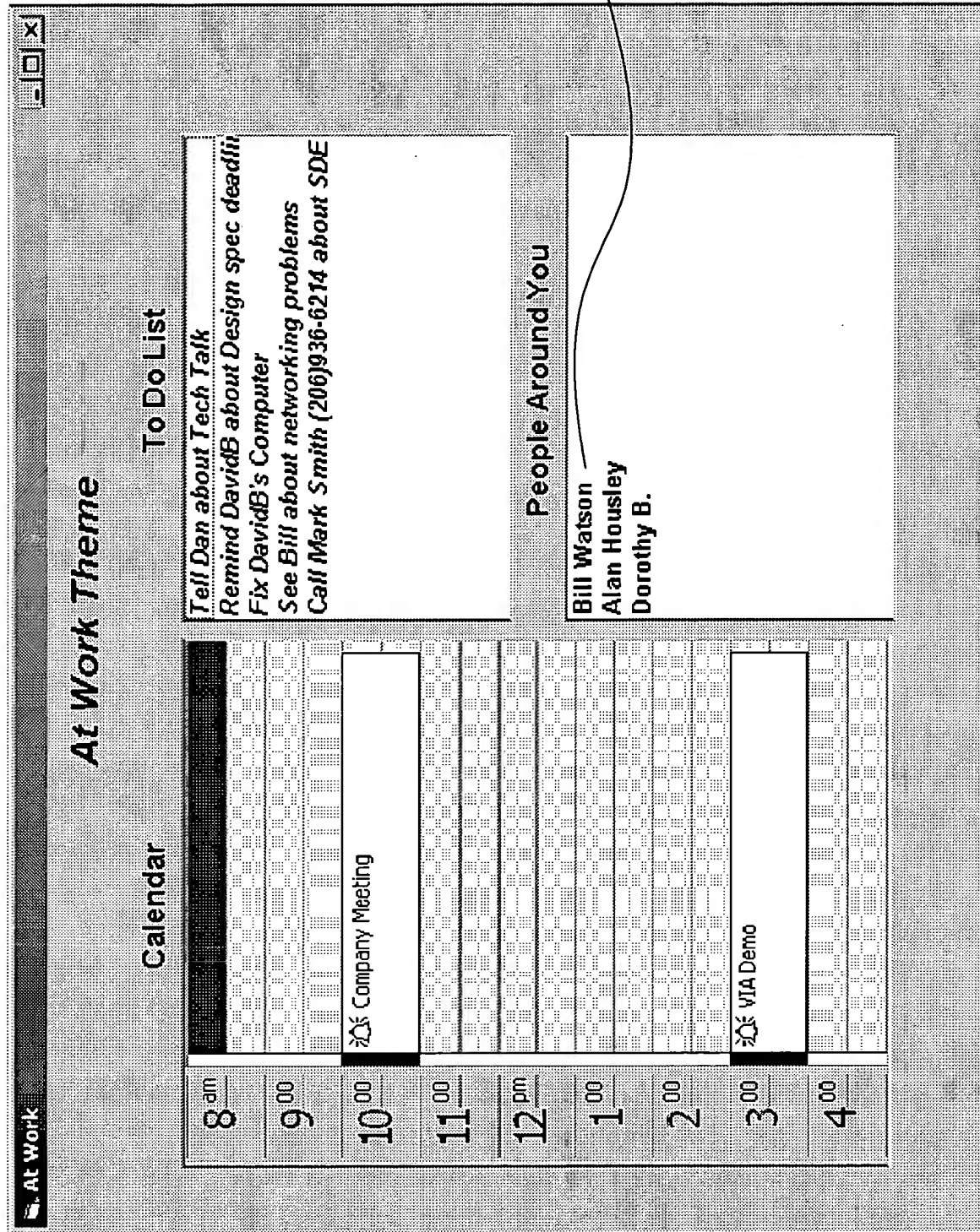


Fig. 11D

1135

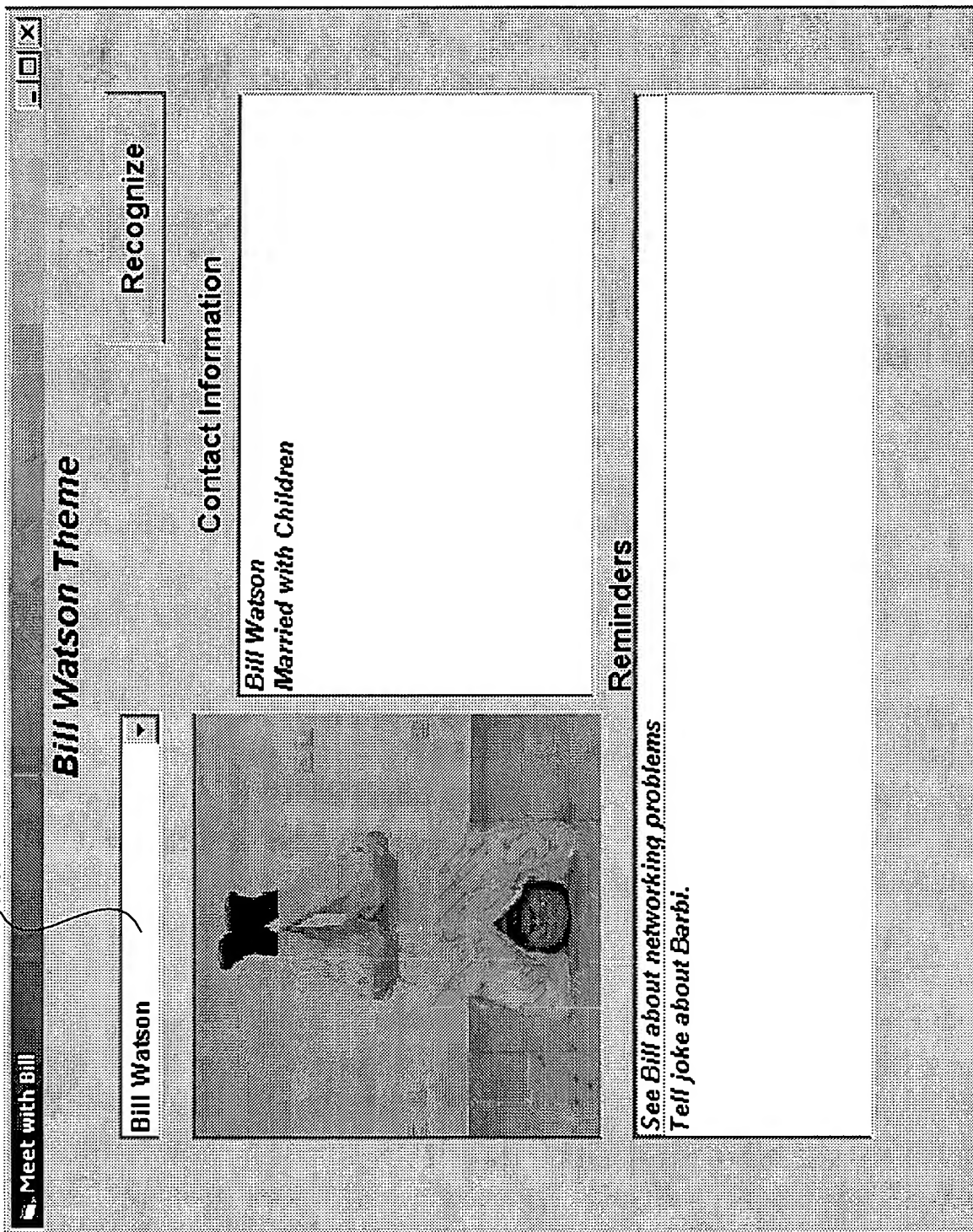


Fig. 11E

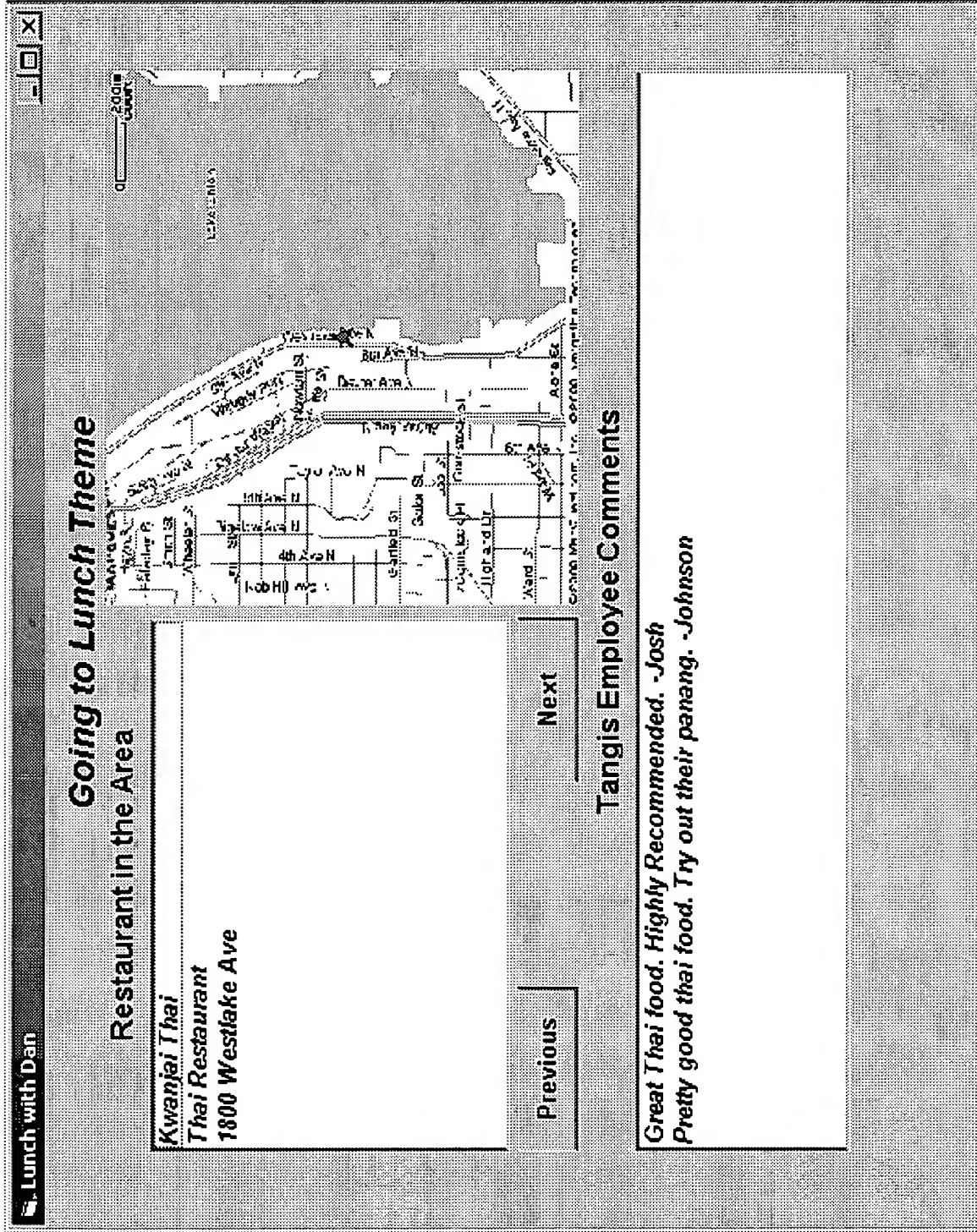
Company Meeting	
Meeting Theme	
Things to bring up	People Present
<p>Tell group what you did last week</p> <p>Tell group what you plan to do this week</p> <p>Tell group about your new invention.</p> <p>Tell group about your upcoming skiing trip.</p> <p>Kudos for Stan and Dorothy for finishing report</p>	<p>Aaron Graves</p> <p>Alan Housley</p> <p>Ancel Johnson</p> <p>Bill Watson</p> <p>Brian Rose</p> <p>Cesar Alvarez</p> <p>Dan Newell</p> <p>David Jukes</p> <p>Dorothy B.</p> <p>Jaquie T.</p> <p>Jeff Fried</p> <p>Jim Roberts</p> <p>Johnson A.</p> <p>Josh Freedman</p> <p>Kanisha Patel</p> <p>Ken Abbott</p> <p>Lisa Davis</p> <p>Molly Fitch</p> <p>Scott Price</p> <p>Stan Emert</p>
<p>Notes</p> <p>Finished coding Turing Machine on Monday.</p> <p>Did bug bash on Tuesday.</p> <p>Survived an earthquake on Wednesday.</p> <p>Worked on CTK demo rest of last week</p> <p>Continuing work on CTK demo rest of this week</p>	<p>1137</p>

Fig. 11F

Meet with Bill

</





Repairing a PC

Repairing a PC Theme

Computer Equipment

Josh's Computer

Description

Dell XPS 4000  
Purchase Date: 11/20/2000  
Tangis Tag: PC001

Software Installed

Office 2000  
Visual Studios 6.0  
MS Entertainment Pack  
Boeing Marketing Tutorial: How to talk like a techie

Hardware Installed

Creative Sound Blaster 10.0 card  
Ricoh 32X CDRW  
MS USB Microphone  
Intel TR1688 100Mbps Token Ring

Notes

Currently inoperative  
Josh noticed a loud noise coming from the hard disk.  
He said it might be a problem with the disk's brake pads.  
If he mentions this again, humor him.

Fig. 111

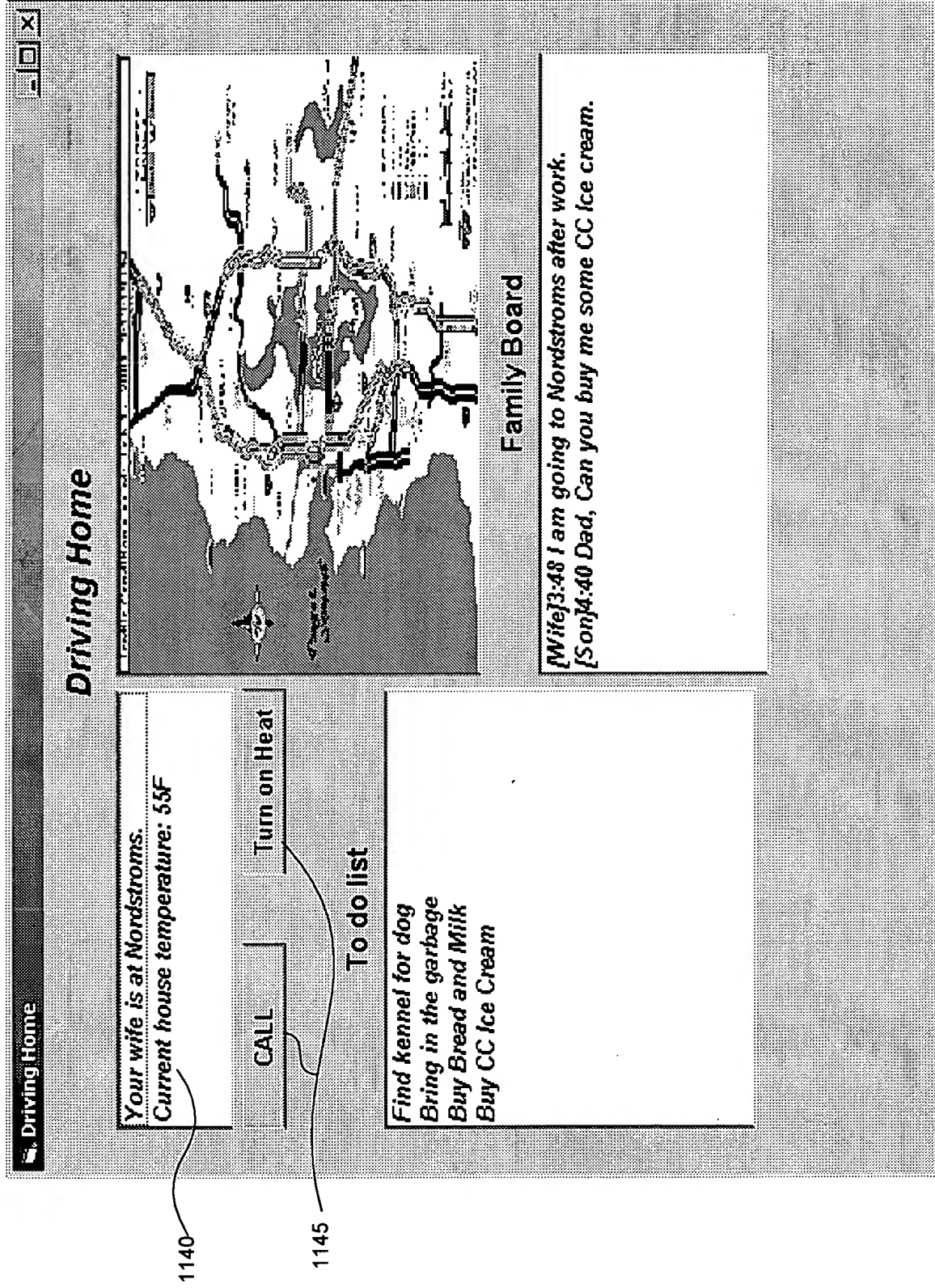


Fig. 11J

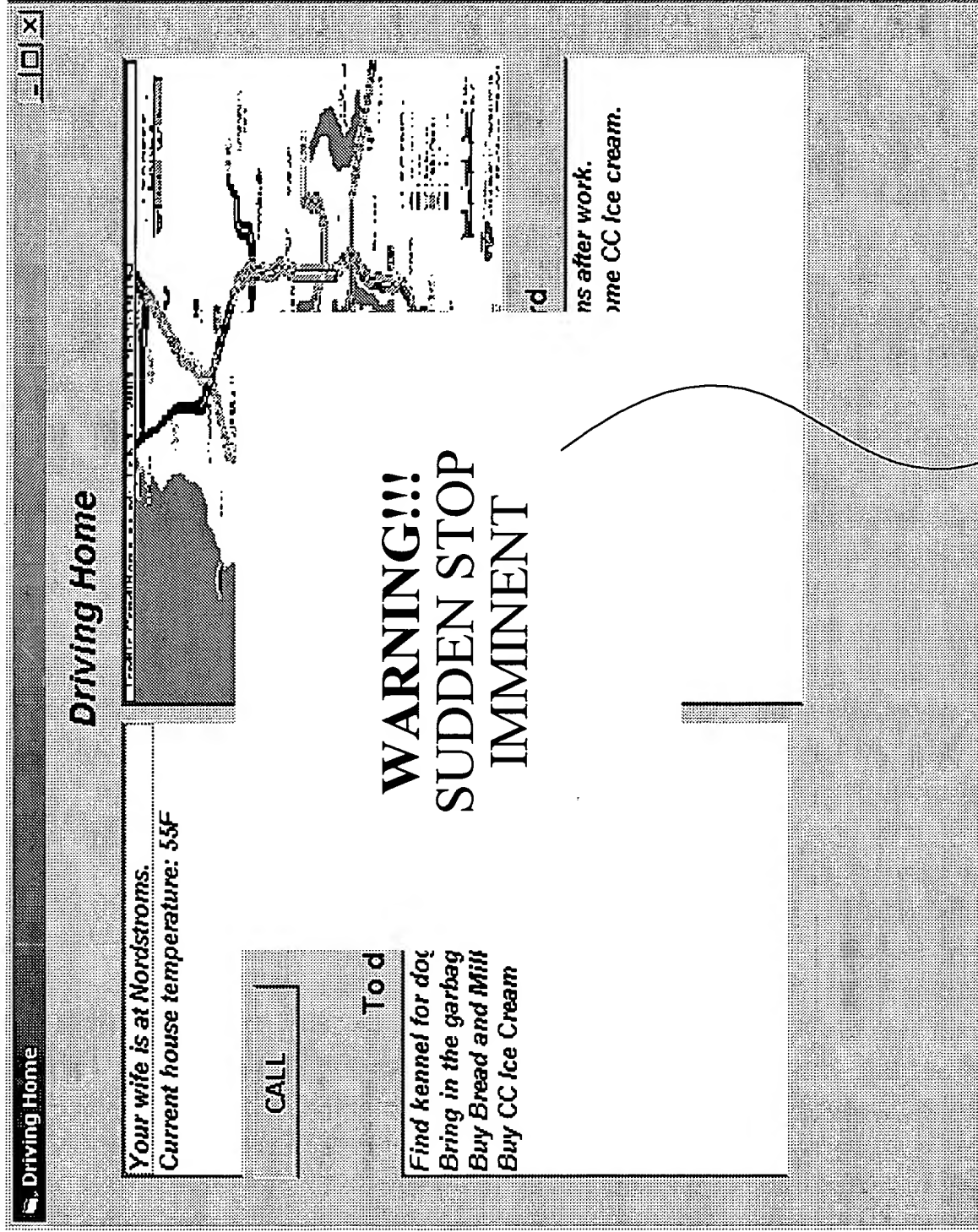
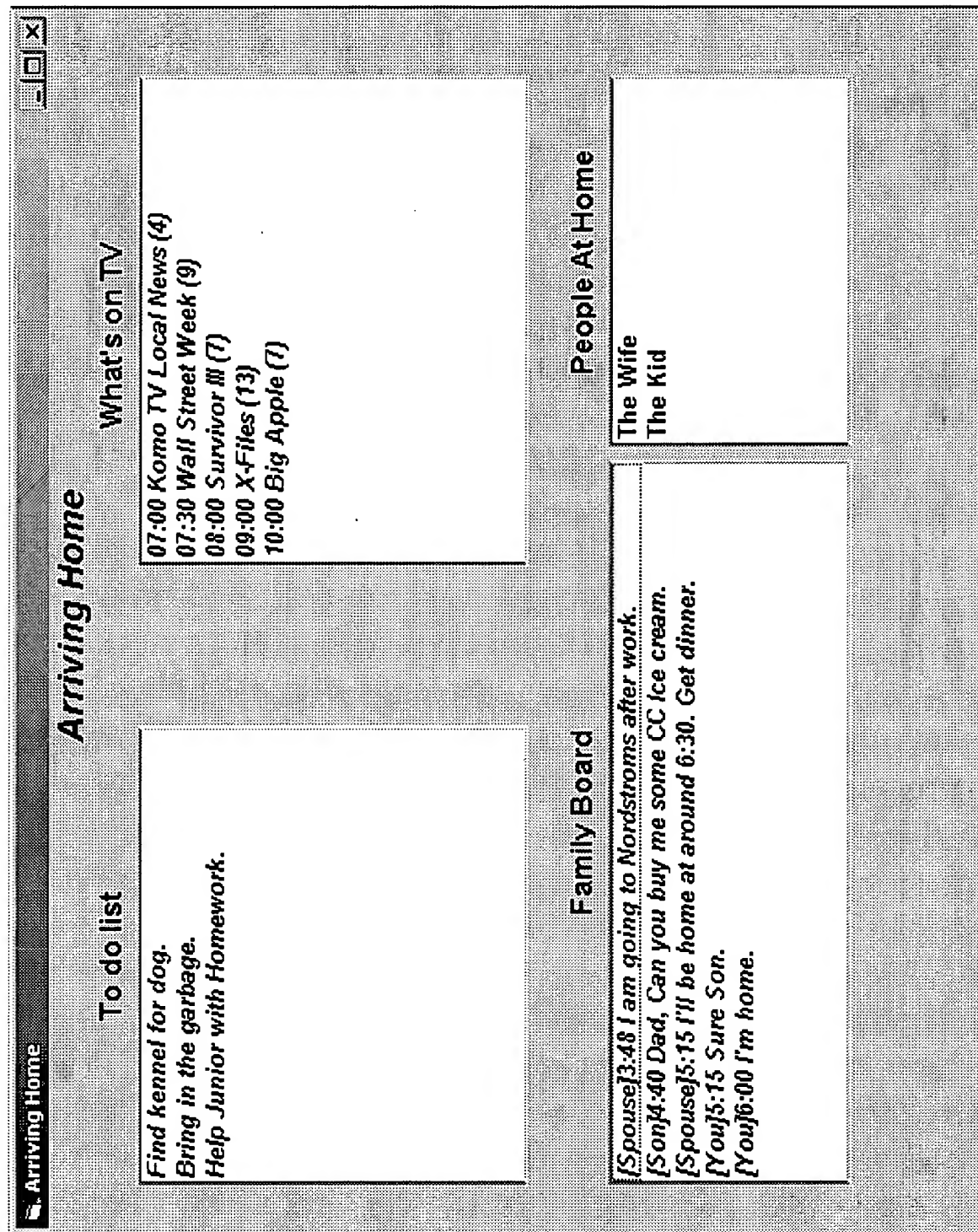


Fig. 11K

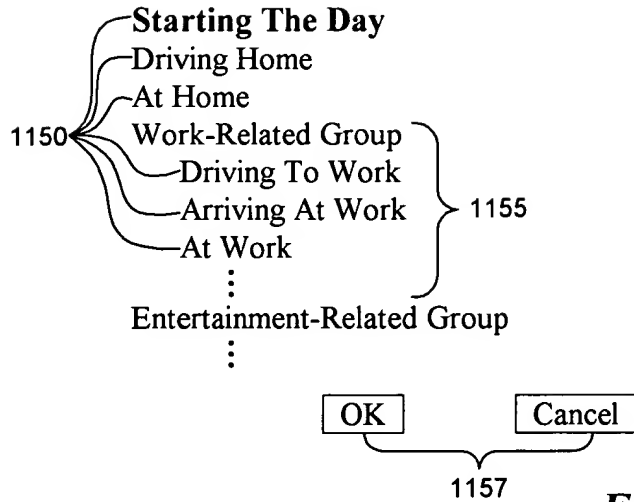




**Fig. 11L**

# Example Current Theme Selection

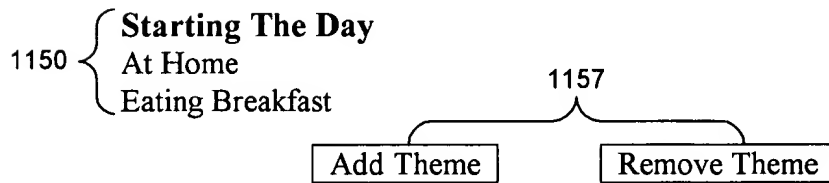
## *Select A New Current Theme*



**Figure 11M**

# Example Current Theme Set Modification

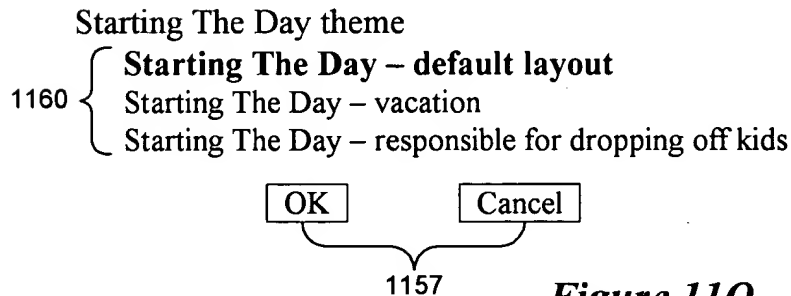
## *Current Theme Set*



**Figure 11N**

# Example Current Theme Layout Selection

## *Select A New Current Theme Layout*



**Figure 110**

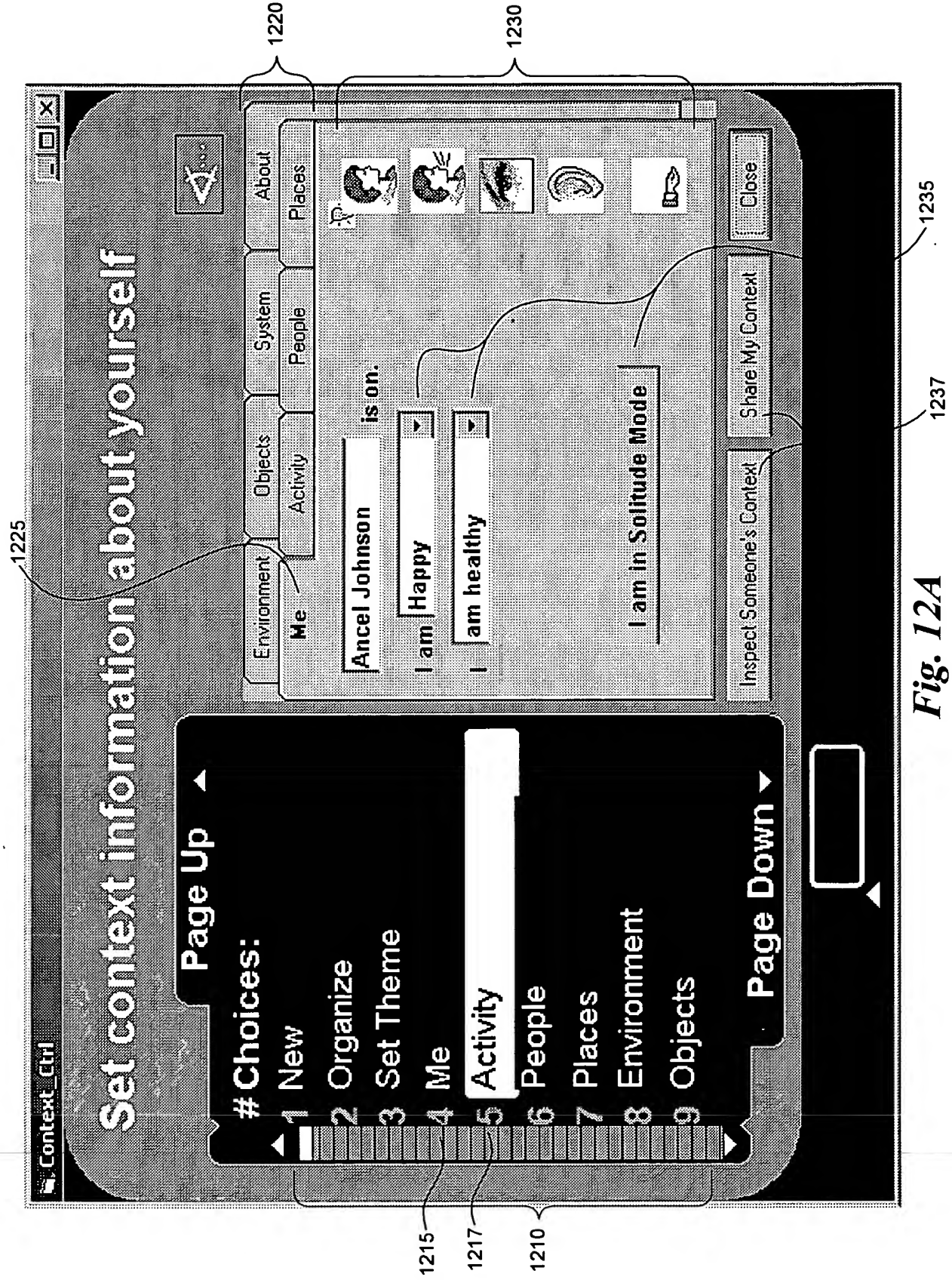


Fig. 12A

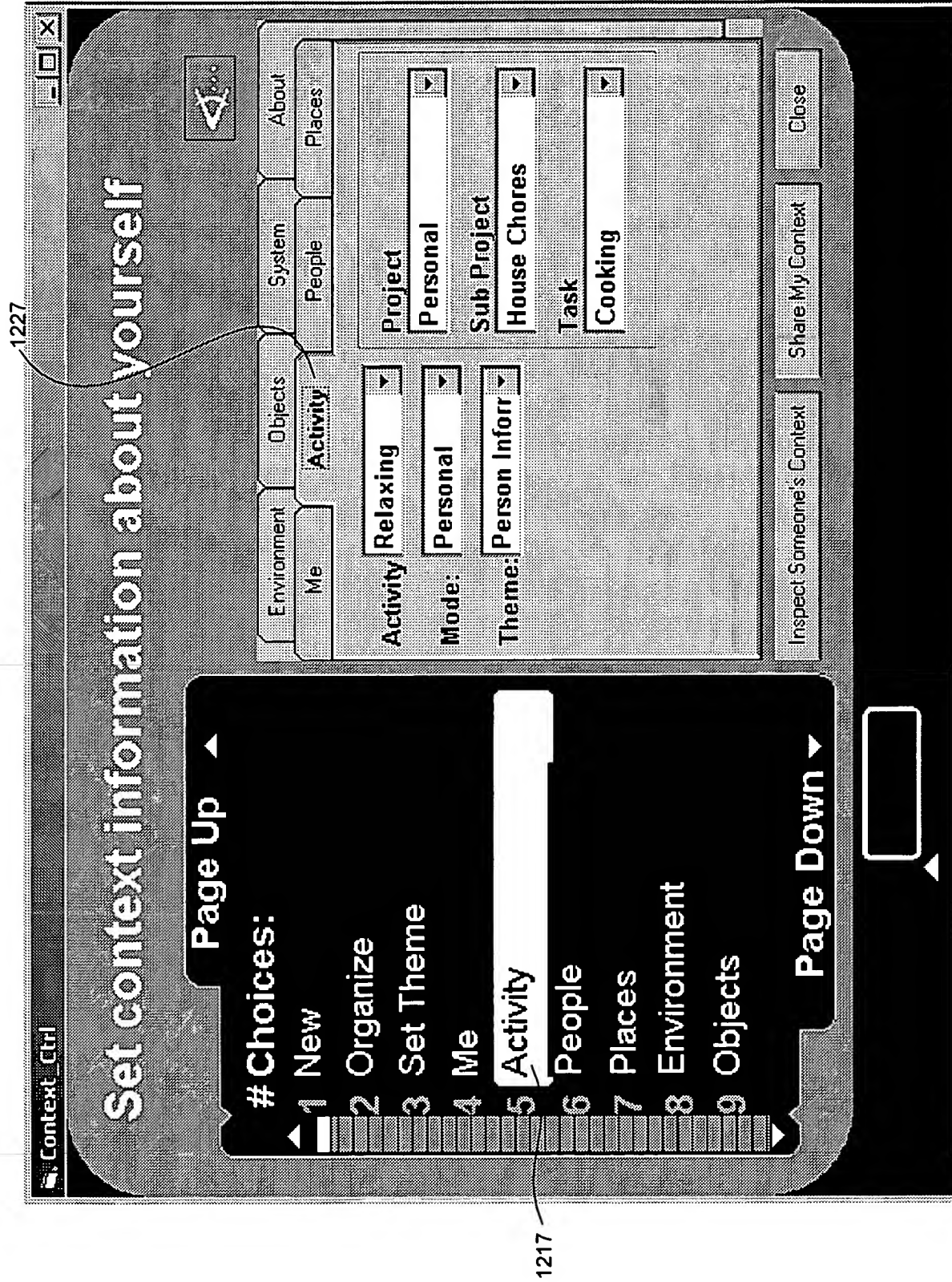


Fig. 12B



1241

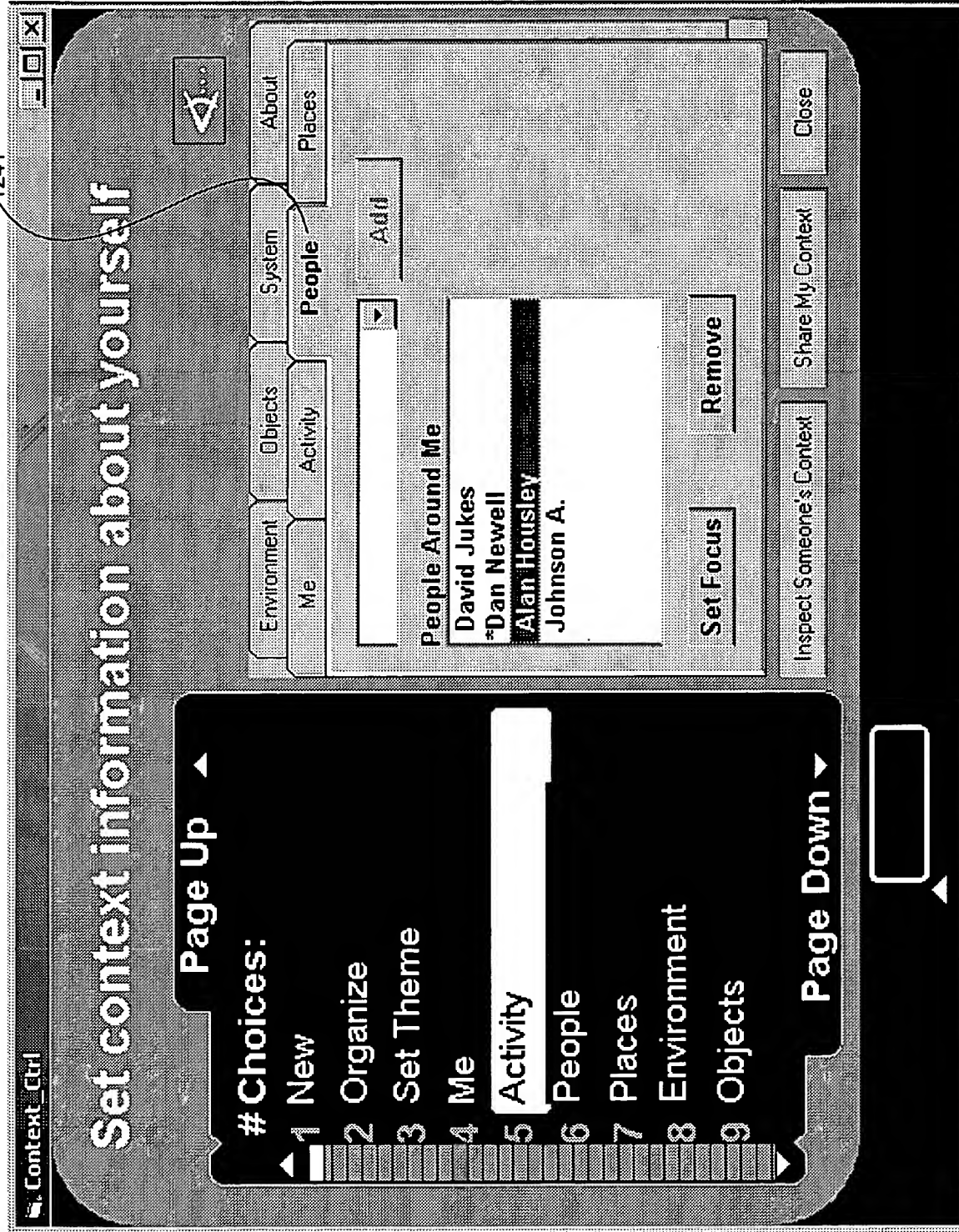
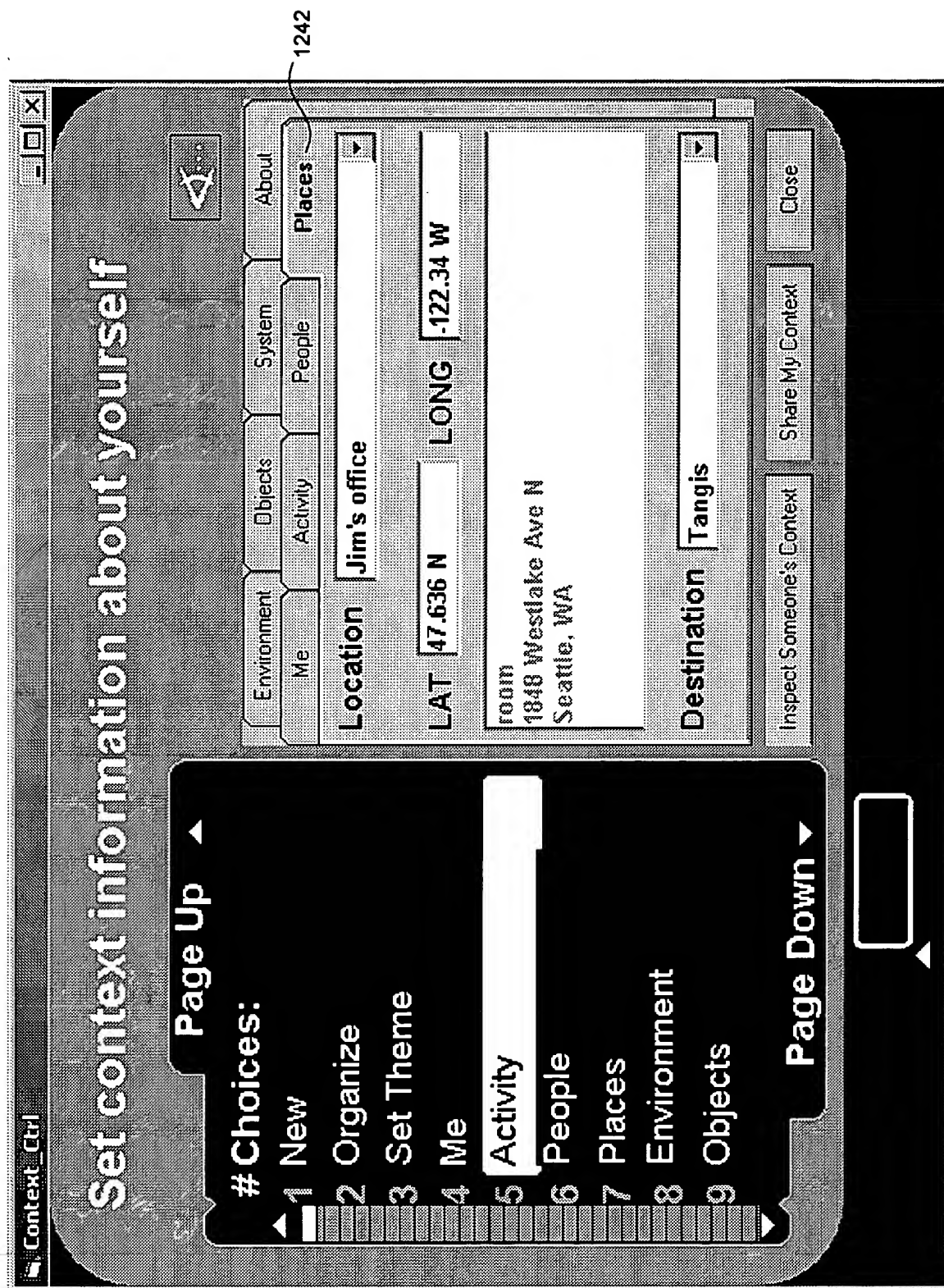


Fig. 12C



**Fig. 12D**

1243

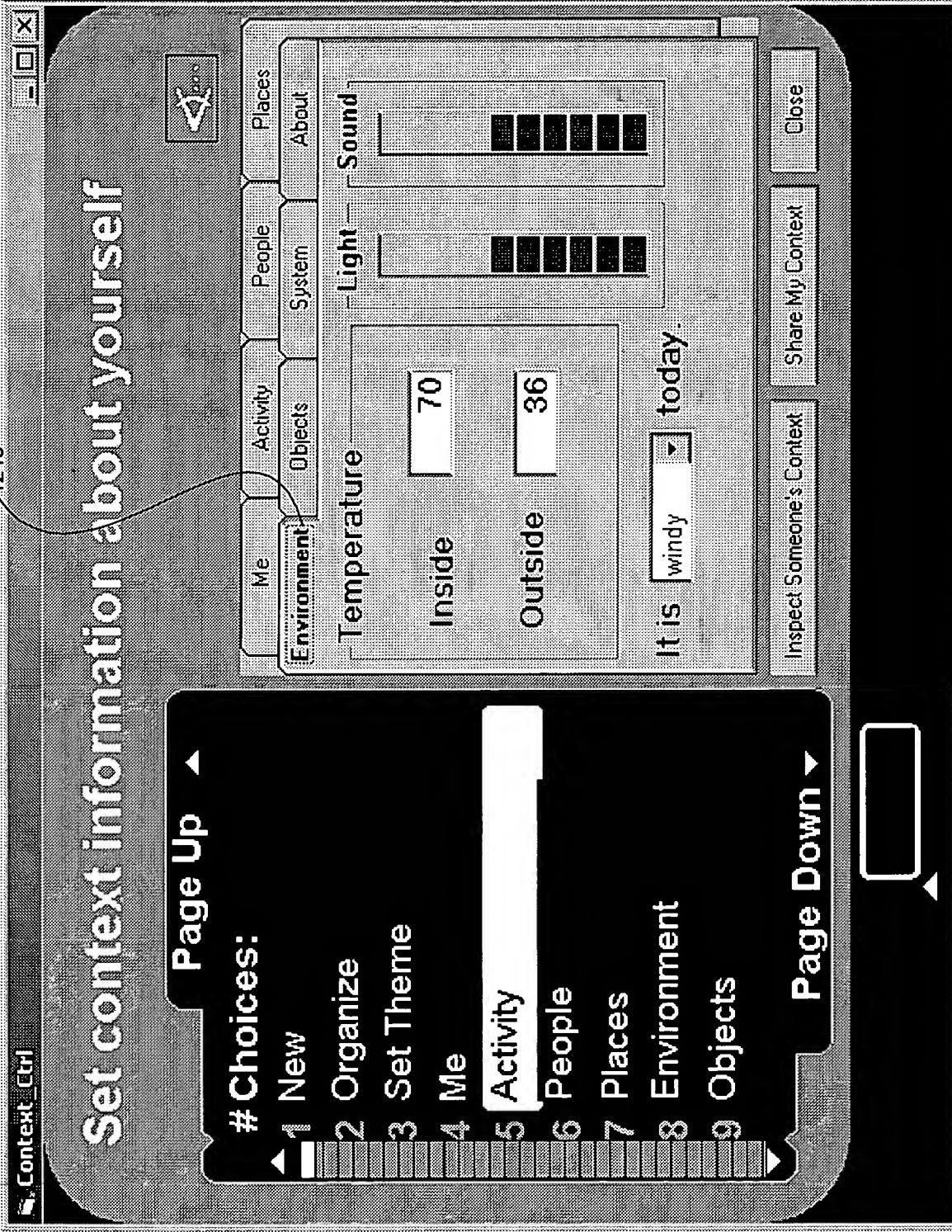


Fig. 12E



1244

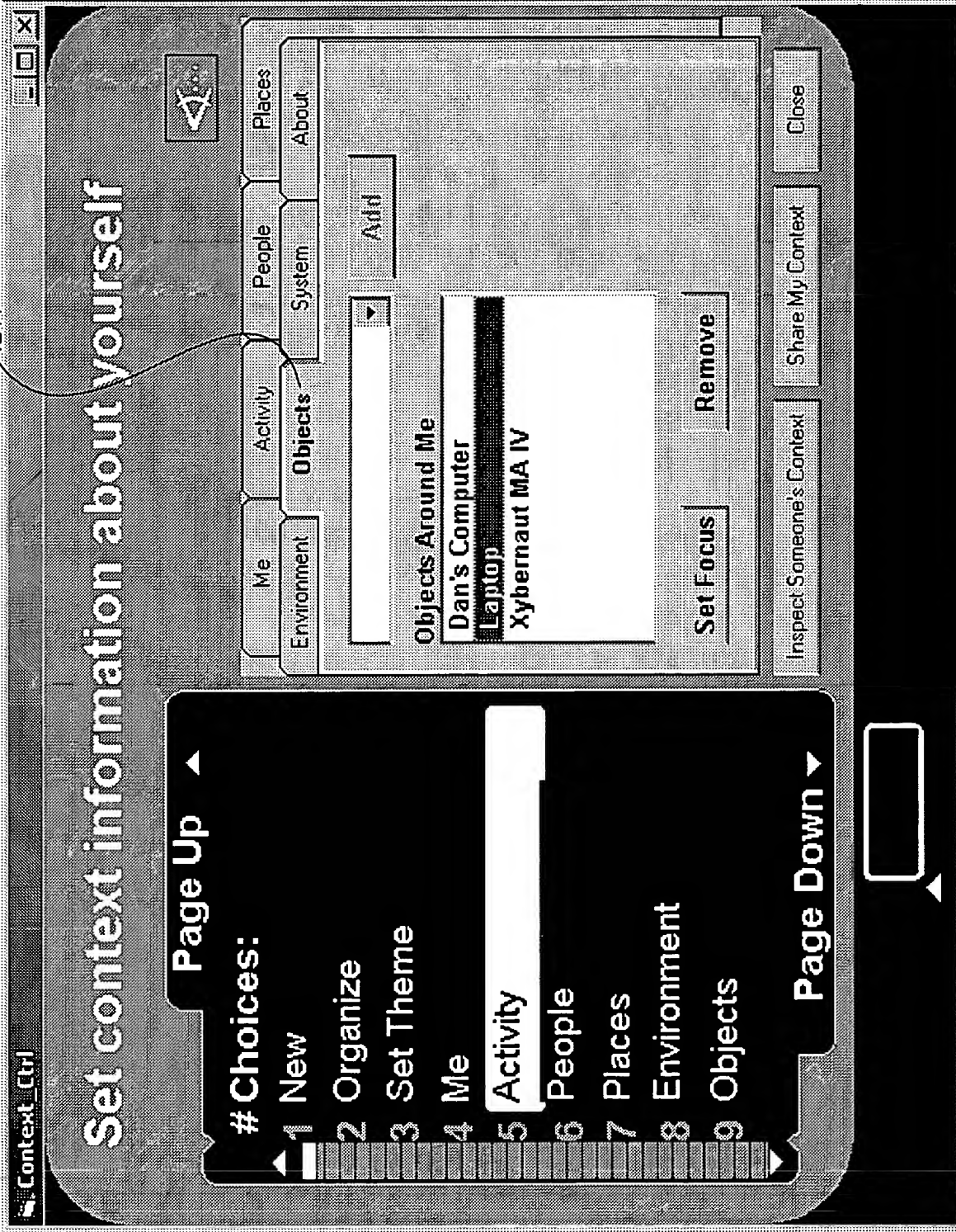


Fig. 12F

1245

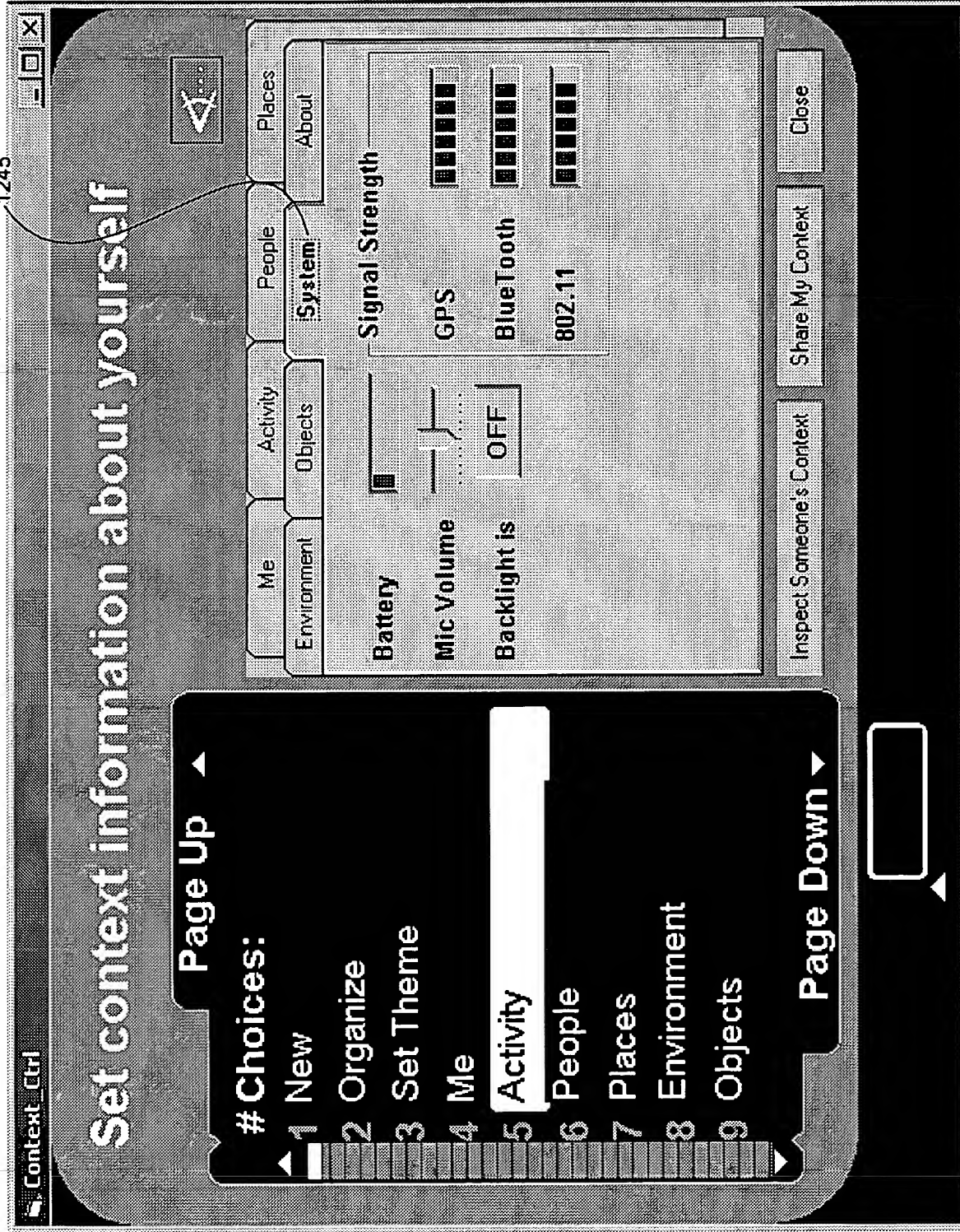


Fig. 12G

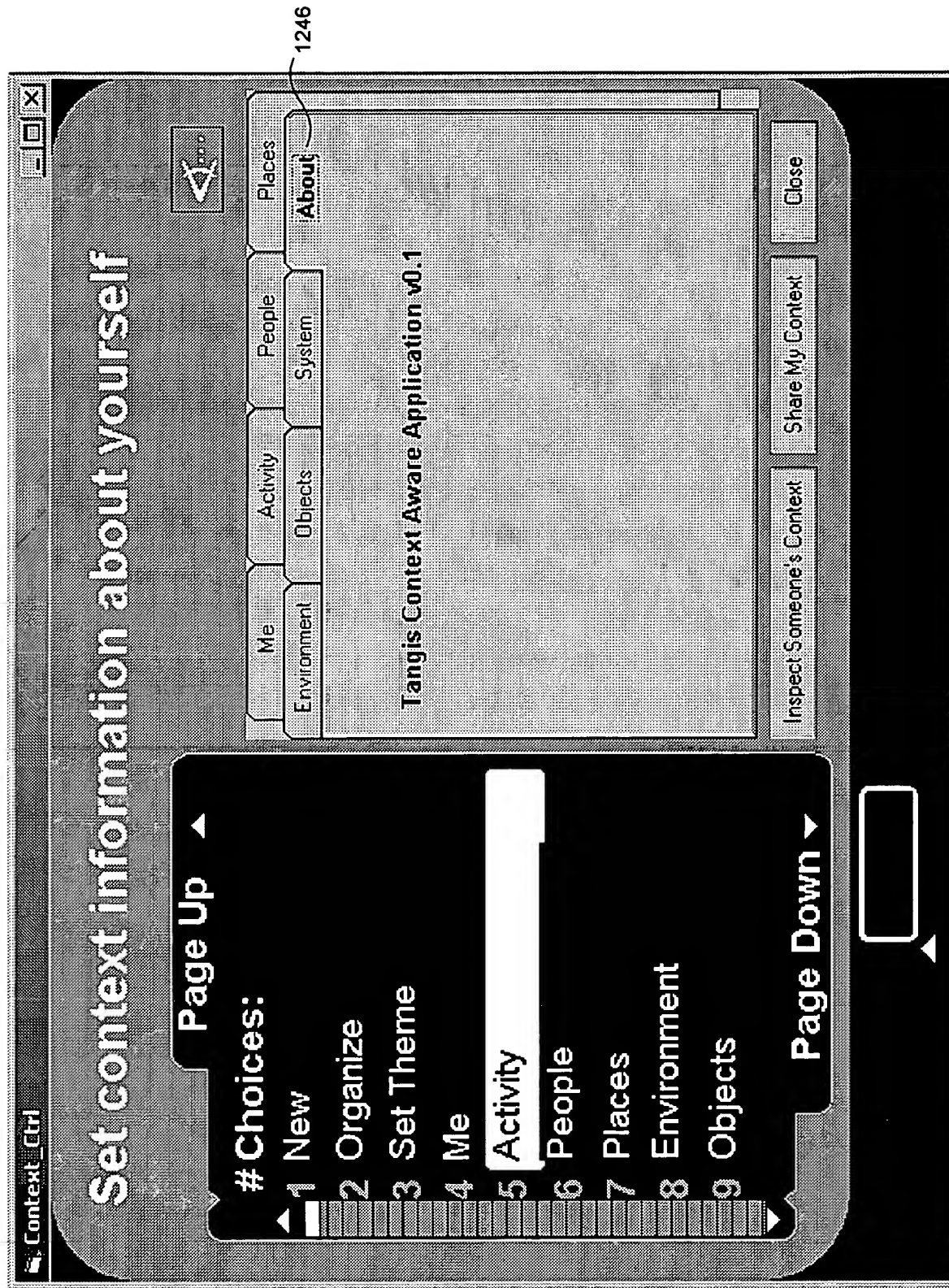
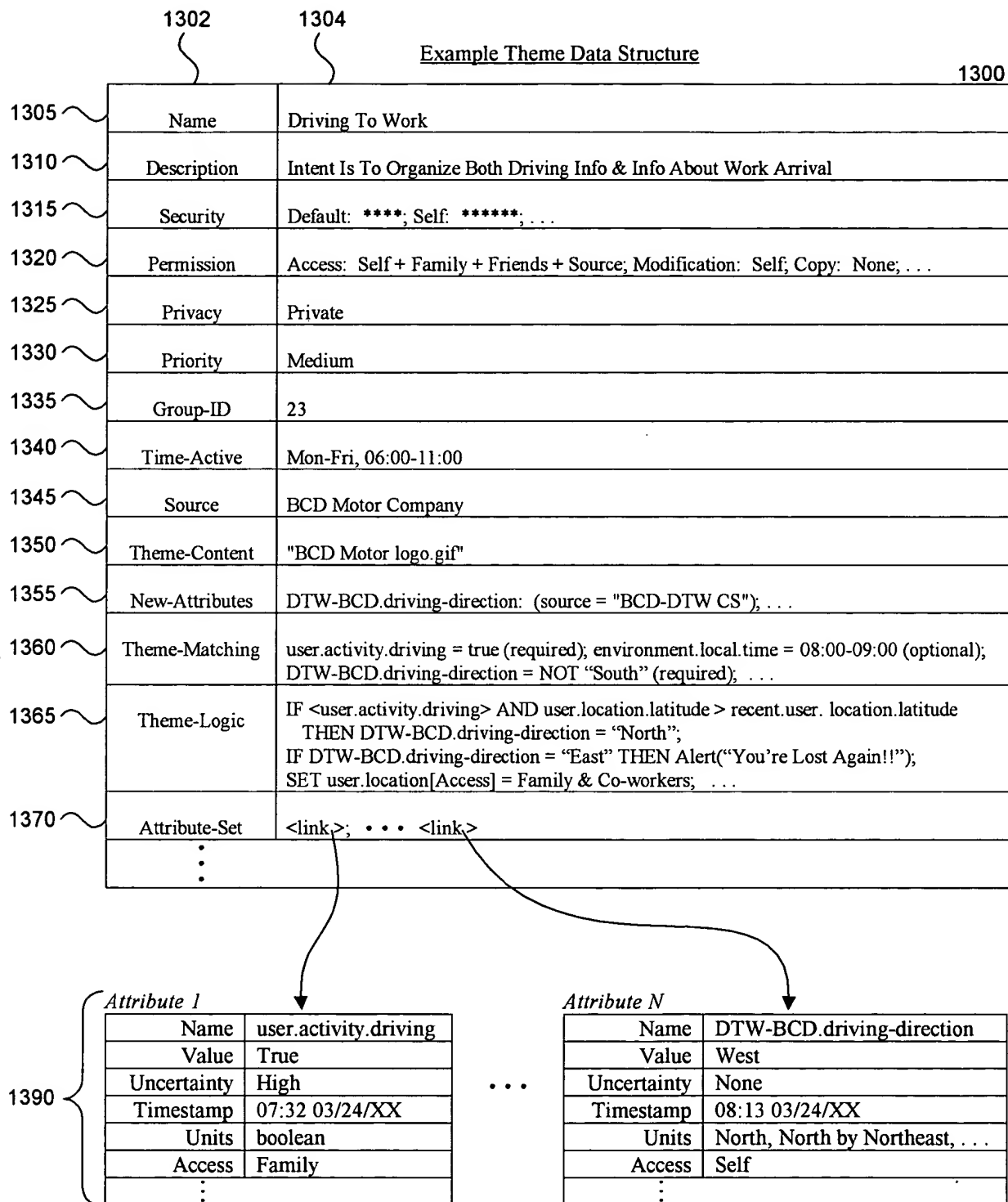


Fig. 12H



**Fig. 13**

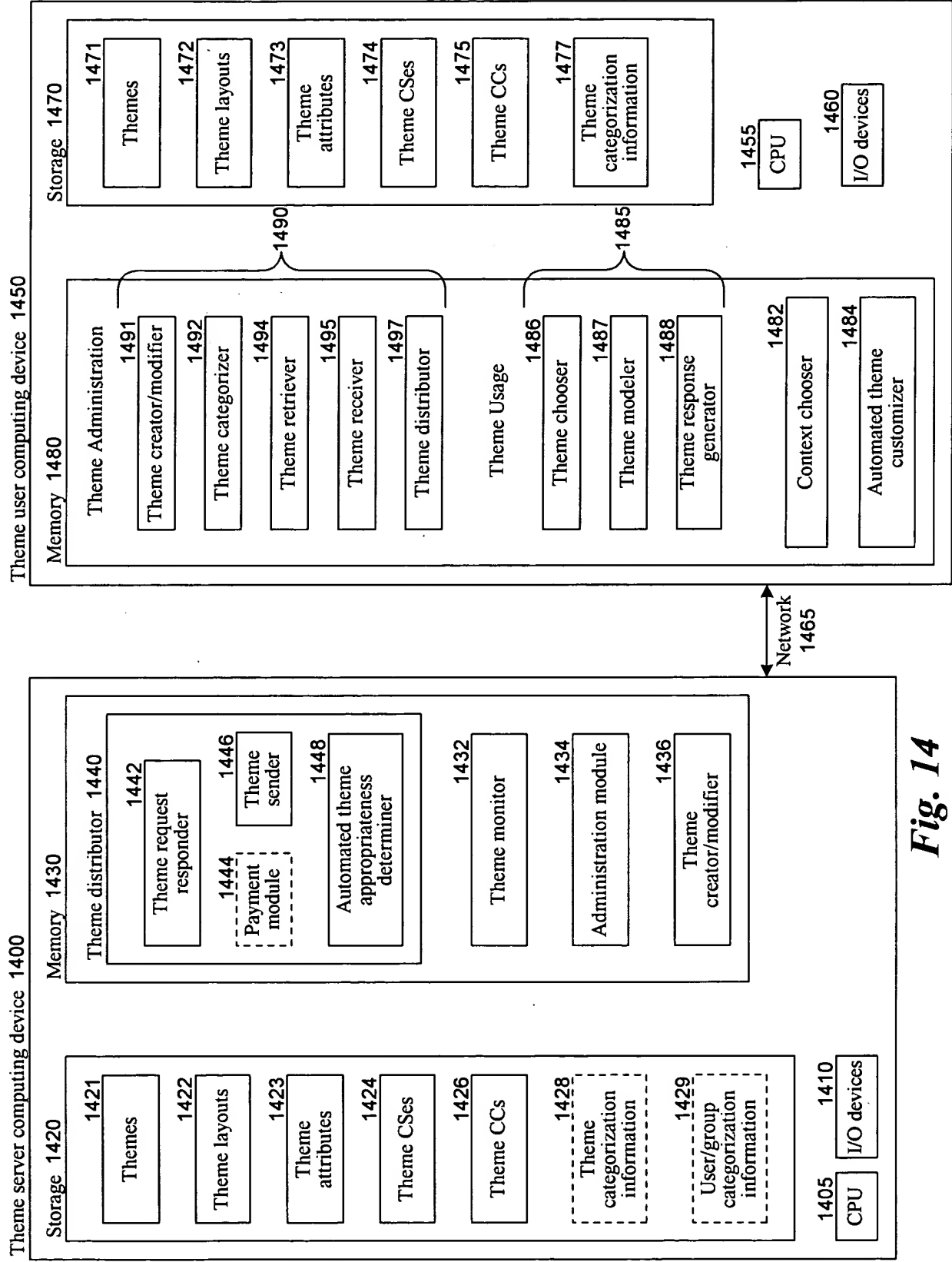
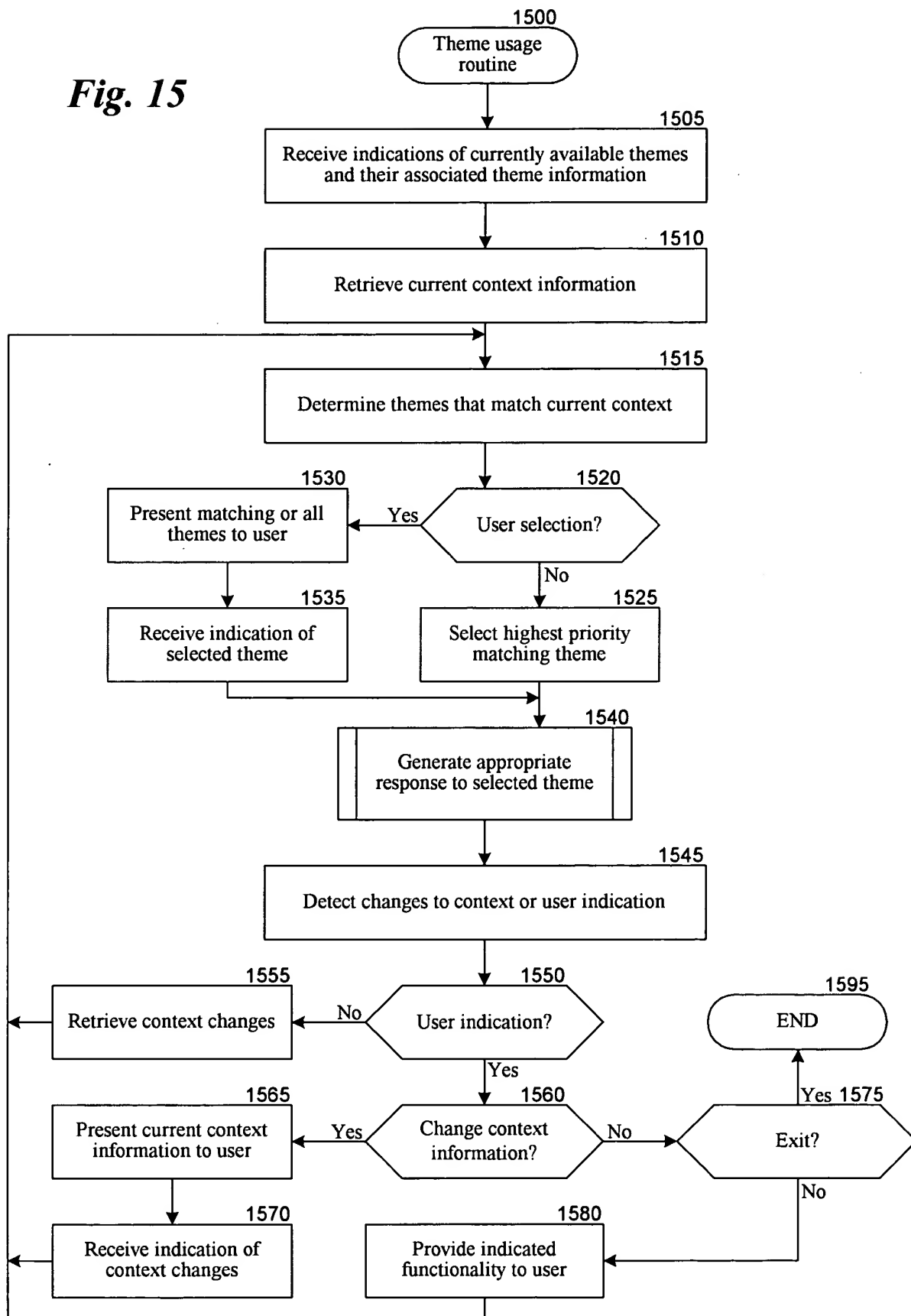


Fig. 14



**Fig. 15**



**Fig. 16**

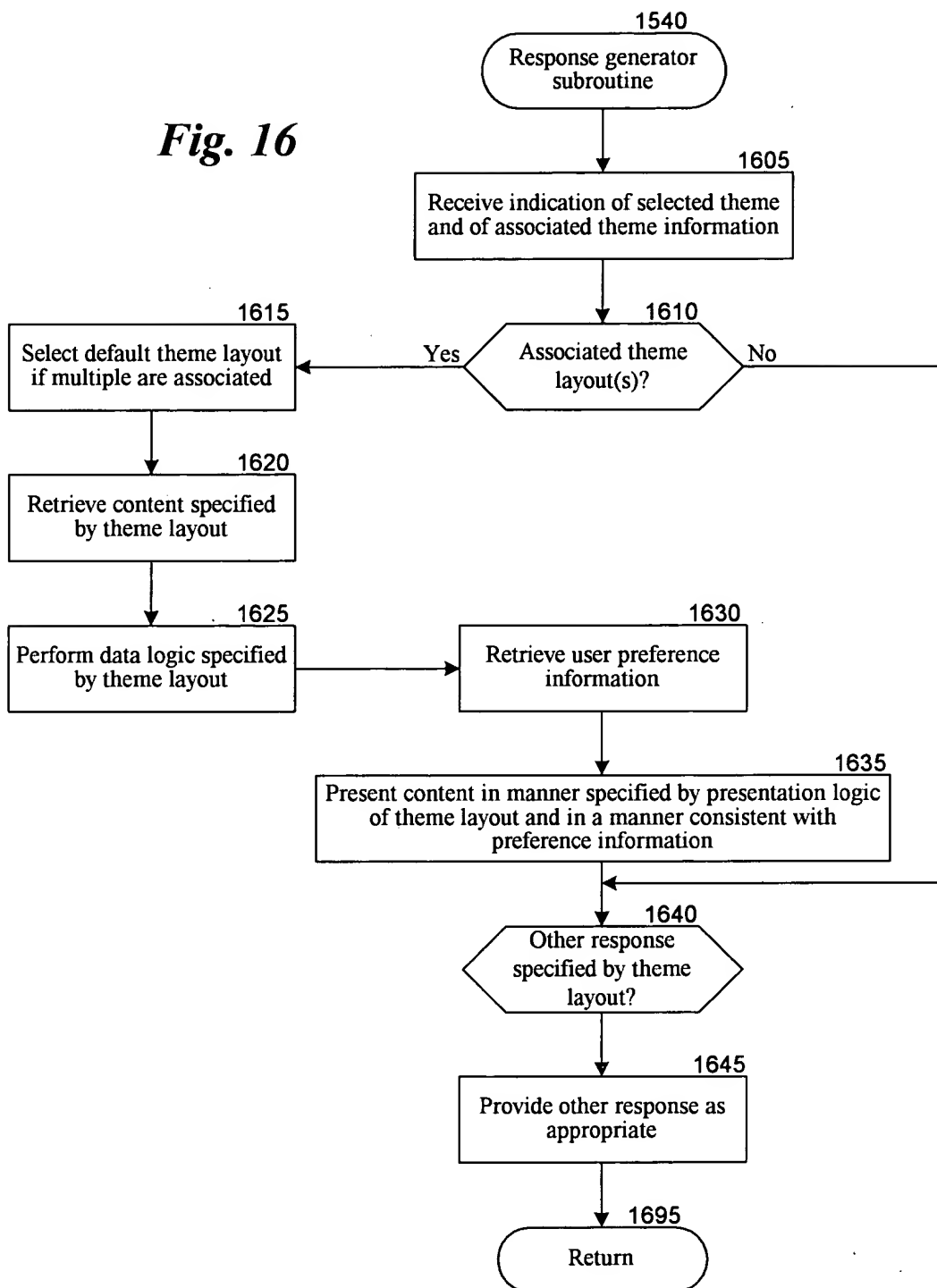


Fig. 17

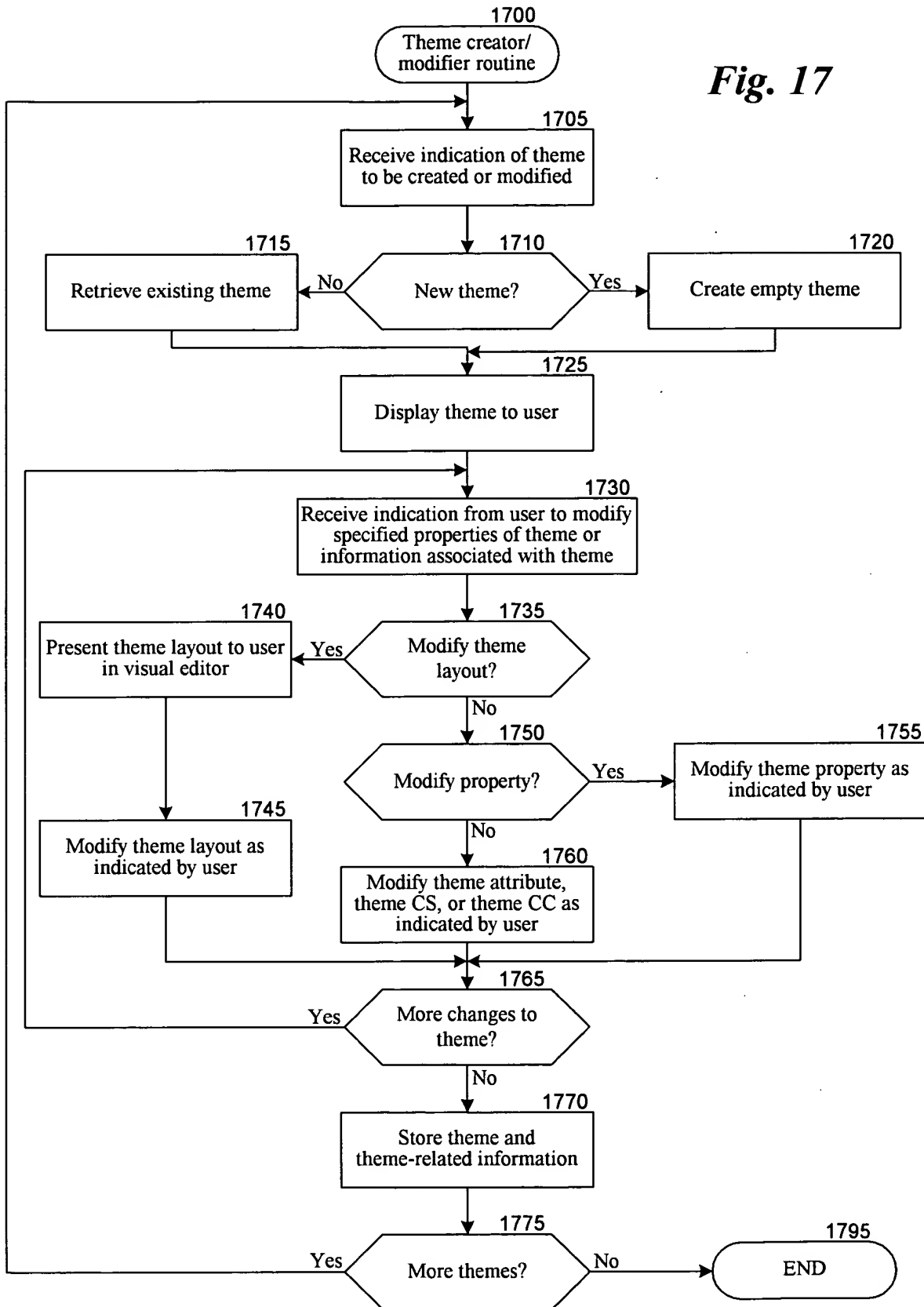
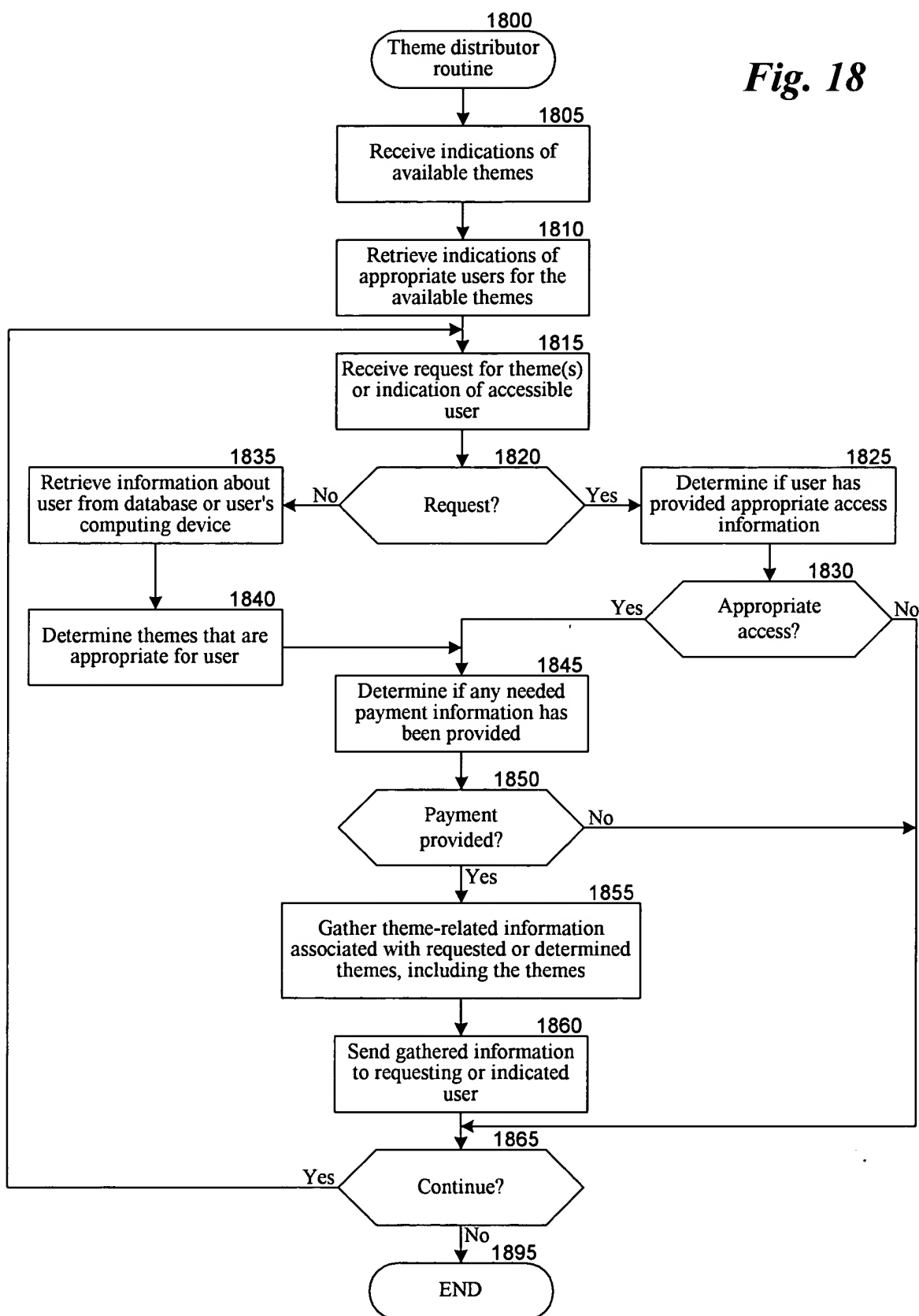
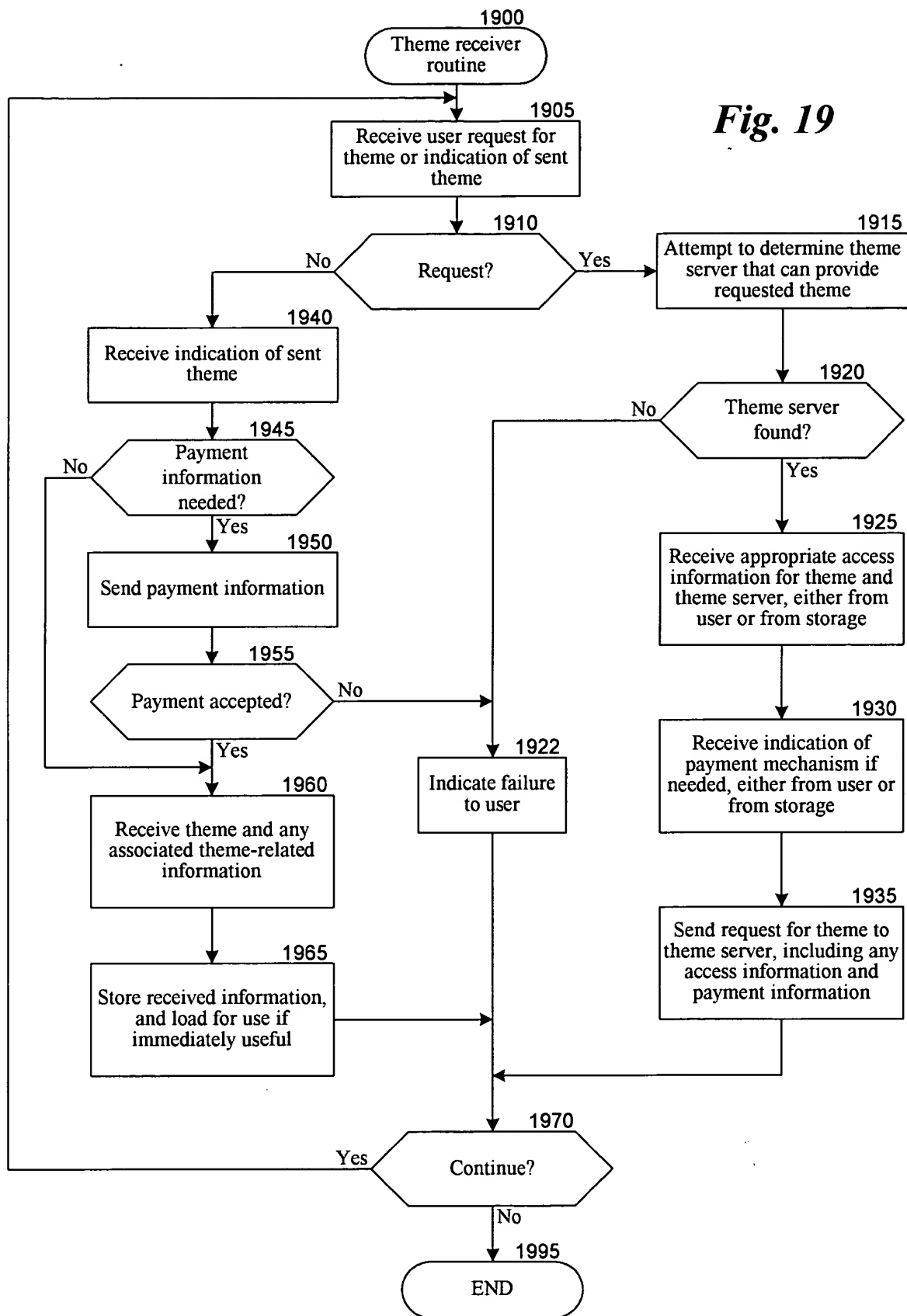
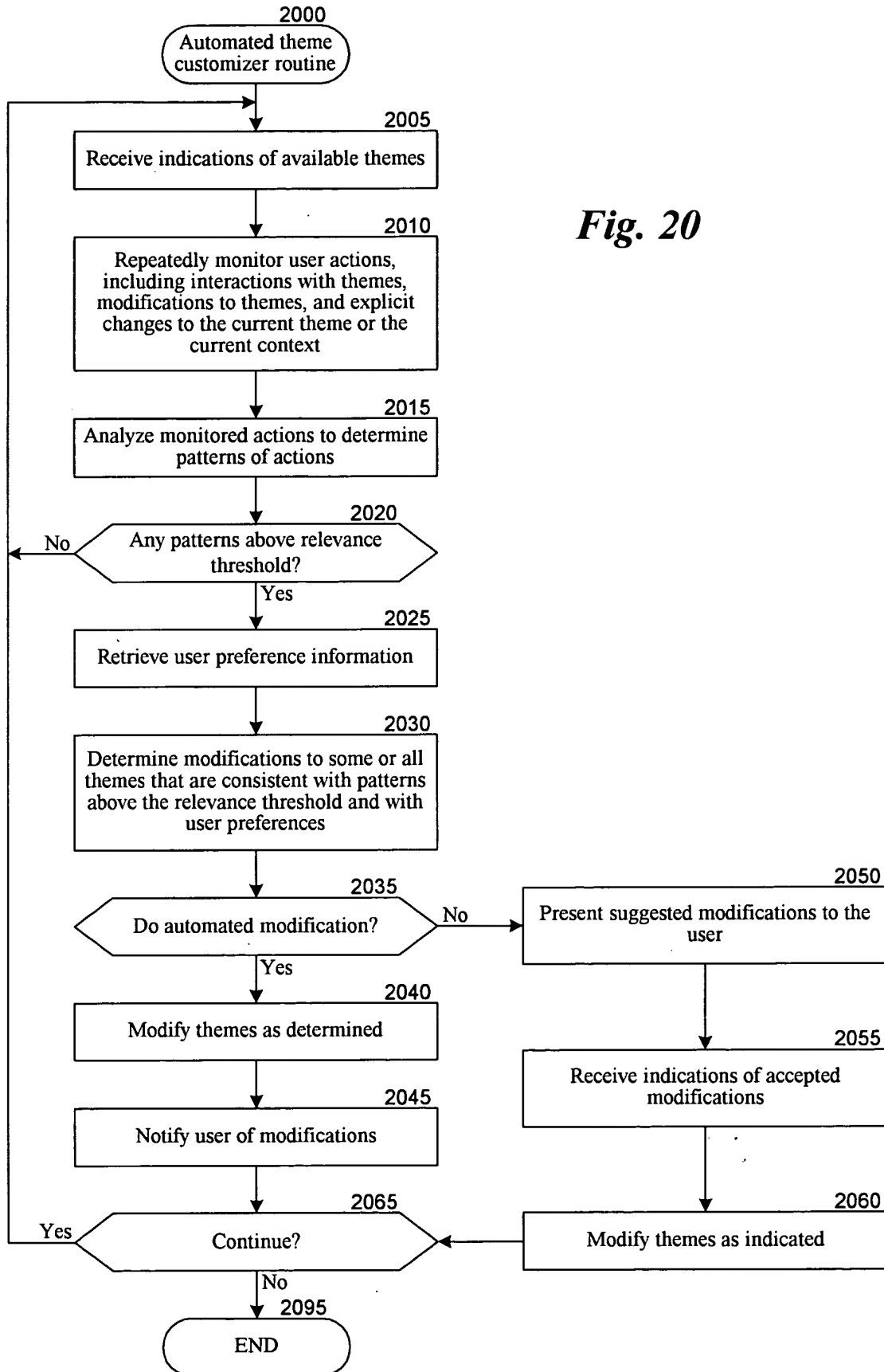


Fig. 18





**Fig. 20**



2025159.071901